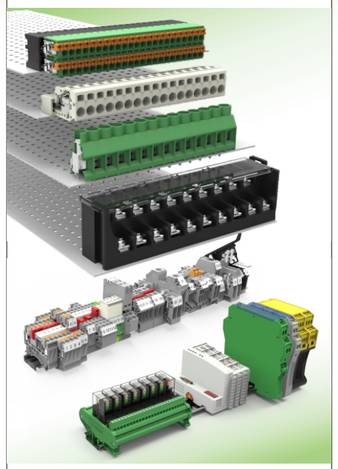
DEGSON-Global Industrial Connector Manufacturer, Providing Customized Solution To All Partners.

DEGSON

Terminal Block



NINGBO DEGSON ELECTRICAL CO., LTD.

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

DEGSON

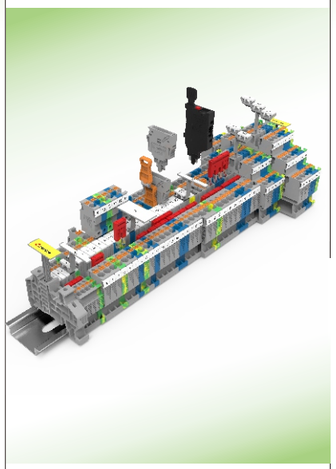
Circular Connectors

NINGBO DEGSON ELECTRICAL CO., LTD.

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

DEGSON

Din Rail Terminal Block



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EV Charger

DEGSON TECHNOLOGY CO.,LTD.

IATF16949

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Interface Electronics

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Customized Product

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The catalog is only for reference,and the detail data must be based on our company`s specification!

DEGSON website

LINKEDIN

HC 23-E01

DEGSON

Heavy Duty Connector

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949 RoHS REACH

DEGSON

Brief Introduction

DEGSON was founded in 1990.DEGSON is a world-renowned manufacturer of overall solutions for industrial connectors. DEGSON'S laboratory is UL-CTDP (USA)and VDE-TDAP(Germany) dual accreditation laboratory ,it is also a CNAS laboratory. The company achieved ISO9001, ISO14001, ISO80079-34, ISO/TS22163 and IATF16949 management system certifications.

DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Japan, South Korea, Singapore, etc. totally hundred countries and regions. DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, E-bike industrial elevator, lighting, security, machinery, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

Based on the core values of "Clients First, Win-win Strategy, Responsibility Integrity, Excellence Pursuit", DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.

DEGSON

UL-CTDP (USA), VDE-TDAP (Germany) and CNAS labs

Strategic cooperation with UL and VDE

① The general manager of UL global energy & technology division visit our company

② Sven Ohrke, President of VDE global services, discusses mutual strategic cooperation in DEGSON

③ VDE Laboratory Accreditation: In July 2010, VDE issued the "VDE Authorized Laboratory" certificate to DEGSON laboratory.

UL laboratory accreditation: UL formally issued "UL WTDP" certificate to DEGSON in March 2013.
In April, 2016, UL-CTDP.
In December, 2016, VDE-TDAP.
In January, 2017, Pass IRIS system audit.

ISO9001

ISO14001

CNAS

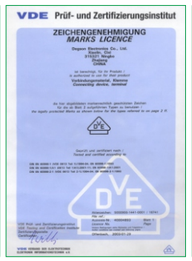
ISO/TS22163

UL - CTDP

VDE - TDAP

EX certificate

UL Certificates:10,
Covering 4000+Products


VDE Certificates:178,
Covering 3000+Products

TUV certificate

EAC certificate

European invention patent

CONTENTS

- Assembly Details 01
- How to Order 02
- Housing Matched Contact Insert 03-04
- Housings Connector Insert Protection 05
- Inserts

Small Series.....06-10
Ultra High Density Series.....11-26
Standard Series 27-33
High Density Series 34-42
Compact Series.....43-60
High Current Series.....61-62
Combination Series.....63-72
Modular Fixing Frame 73-74
Modular Series 75-106

- Hoods & Housings

Hoods & Housings Feature 107
D3A Series 108-110
D10A Series 111
D16A Series 112
D32A Series 113-114
D6B Series 115-117
D10B Series 118-123
D16B Series 124-130
D24B Series 131-137
D32B Series 138-139
D48B Series 140
DC Series 141

- Accessory

Set general introduction 142-147
Housings Mounting Dimensions 148-149
Crimp Contacts 150
Cable Connector Part Number Guidelines 151
Tools & Coding 152-154
Housings Mounting Dimensions.....155-156

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Assembly Details

① Cable gland:

M type thread or PG type thread ,depending on wire range of cables or conductors.

1

② Hoods:

Standard or high construction, top or side cable entry,2 or 4 locking point,1 or 2 locking levers.

2

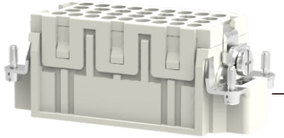
③ Male contact & Female contact:

Normal material is copper alloy,silver plated or gold plated.

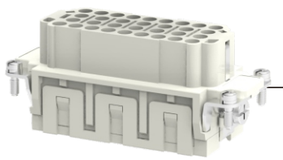
3

④ Male insert & Female insert:

Male insert with screw connection or crimp connection or cage-clamp connection or push-in connection.



4



4

⑤ Housing:

Bulkhead mounting,surface mounting or cable to cable type, with 1 or 2 locking levers and 2 or 4 locking points.

3

Accessories:

Protection covers/code and guide pins for coding/tools.

5

How to Order

Inserts

DE — 016 — M

- Terminal
  - M/F: Male/Female Screw terminal
  - MC/FC: Male/Female Crimp terminal
  - MS/FS: Male/Female Spring-cage terminal
  - MP/FP: Male/Female Push-in terminal
- Number of contacts
- Product series

Hoods

D16B — TE — 2g — M25

- M/PG Thread size
- Locking lever
  - 2g= 2 locking points
  - 4g= 4 locking points
  - 1L= 1 Locking lever
  - 2L= 2 Locking levers
- Item
  - TE= Top entry
  - THE= Top entry of high construction
  - SE= Side entry
  - SEH= Side entry of high construction
- Size

Housings

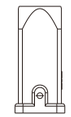
D16B — BK — 1L — CV

- CV=Plastic covers
  MCV=Metal covers
- Locking lever
  - 2g=2 locking points
  - 4g=4 locking points
  - 1L=1 Locking lever
  - 2L=2 Locking levers
- BK: Bulkhead mounting
- Size

D16B — SF — 2g — CV — M25

- M/PG Thread size
- CV=Plastic covers
  MCV=Metal covers
- Locking lever
  - 2g=2 locking points
  - 4g=4 locking points
  - 1L=1 Locking lever
  - 2L=2 Locking levers
- Item
  - SF=Surface mounting
  - SFH=High structure surface mounting
  - CCT=Cable to cable
  - CCTH=High structure Cable to cable
- Size

A Serie Housing Matched Contact Insert



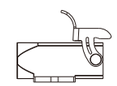
Top Entry

Side Entry

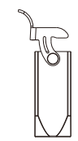
3A	DA-003	DA-004	DD-007	DD-008	DQ-005	DQ-007	DQ-012
	3P+⏚	4P+⏚	7P+⏚	8P	5P+⏚	7P+⏚	12P+⏚
	10A	10A	10A	10A	16A	16A	10A
	230/400V	230/400V	250V	50V	230/400V	400V	400V

Bulkhead Mounting

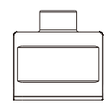
Bulkhead Mounting



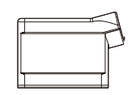
Bulkhead Mounting



Cable to Cable



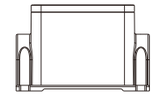
Top Entry



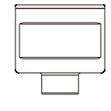
Side Entry

10A	DA-010	DD-015
16A	DA-016	DD-025
32A	DA-032	DD-050
	10,16,32P+⏚	15,25,50P+⏚
	16A	10A
	250V	250V

Bulkhead Mounting



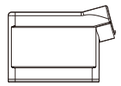
Surface Mounting

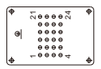
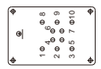
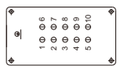
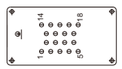
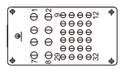
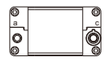
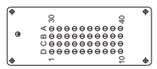
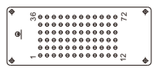
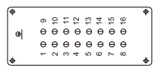
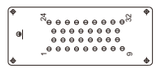
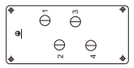
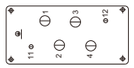
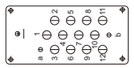
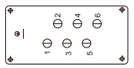
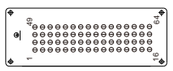
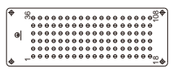
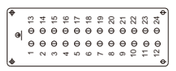
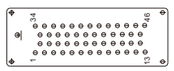
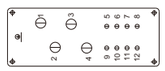
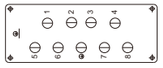


Cable To Cable

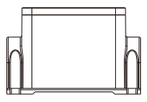
B Serie Housing Matched Contact Insert

Top Entry


Side Entry

6B	 DDD-024	DE-006	 DEE-010	DF6B	
	24P+⏚	6P+⏚	10P+⏚	2 modules	
	10A 250V	16A 500V	16A 500V		
10B	DDD-042	 DE-010	 DEE-018	 DK-8/24	 DF10B
	42P+⏚	10P+⏚	18P+⏚	32P+⏚	3 modules
	10A 250V	16A 500V	16A 500V	16/10A 400/250V	
16B	 DD-040	 DDD-072	 DE-016	 DEE-032	 DK-4/0
	40P+⏚	72P+⏚	16P+⏚	32P+⏚	4P+⏚
	10A 250V	10A 250V	16A 500V	16A 500V	80A 690V
	 DK-4/2	 DK-12/2	 DSB-006	DF16B	
	6P+⏚	14P+⏚	6P+ ⏚	4 modules	
	80/16A 690/400V	40/10A 690/250V	35A 400/690V		
24B	 DD-064	 DDD-108	 DE-024	 DEE-046	 DK-4/8
	64P+⏚	108P+⏚	24P+⏚	46P+⏚	12P+⏚
	10A 250V	10A 250V	16A 500V	16A 500V	80/16A 400/400V
	 DK-8/0	DF24B			
	8P+⏚	6 modules			
	100A 690V				
32B	DD-080, DDD-144, DE-032, DEE-064, DSB-012				
48B	DD-128, DDD-216, DE-048, DEE-092				

Bulkhead Mounting


Surface Mounting

Cable To Cable

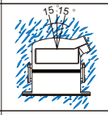
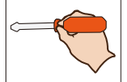
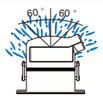
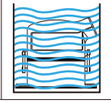
Housings Connector Insert Protection

The connector`s housing, sealing and locking mechanism protect the connection from external influences such as mechanical shocks, foreign bodies, humidity, dust, water or other fluids such as cleaning and cooling agents, oils, etc. The degree of protection the housing offers is explained in the IEC60529, DIN EN60529, standards that categorize enclosures according to foreign body and water protection.

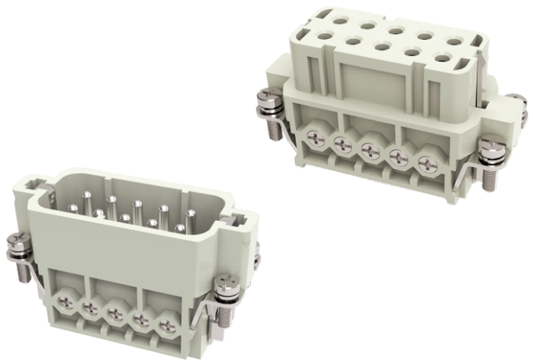
Code letters (International protection) — **IP**

First Index Figure (Foreign bodies protection) — **6**

Second Index Figure (Water protection) — **5**

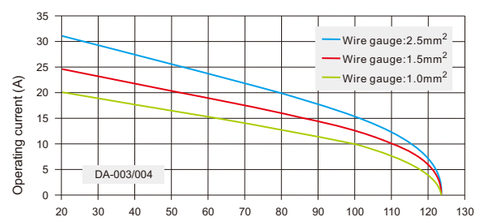
Index figure	Index figure			Index figure	Index figure		
0	No protection		No protection against accidental contact,no protection against solid foreing bodies	**0**	No protection against water		No protection against water
1	Protection against large foreign bodies		Protection against contact with any large area by hand and again st large solid foreign bodies with ϕ＞50mm	**1**	Drip-proof		Protection against vertical water drips
2	Protection against medium sized foreign bodies		Protection against contact with the fingers, protection against solid forerign bodies with ϕ＞12mm	**2**	Drip-proof		Protection against water drips (up to a 15°angle)
3	Protection against small solid foreign bodies		Protection against tools,wries or similar objects with ϕ＞2.5mm, protection against small foreign solid bodies with ϕ＞2.5mm	**3**	Spray-proof		Protection against diagonal water drips (up to a 60°angle)
4	Protection against grain-shaped foreign bodies		As 3 however ϕ＞1mm	**4**	Splash-proof		Protection against splashed water from all direction
5	Protection against injurious deposits of dust		Full protection against contact, protection against interior injurious dust deposits	**5**	Hose-proof		Protection against water (out of a nozzle) from all directions
6	Protection against ingress of dust		Total protection against contact, protection against penetration of dust	**6**	Strong hose-proof		Protection against strong water (out of a nozzle) from all directions
				7	Protection against immersion		Protection against temporary immersion
				8	Protection water tight		Protection against water pressure

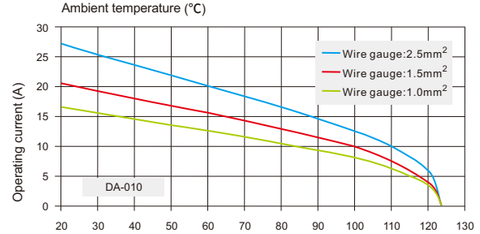
DA ▪ Series

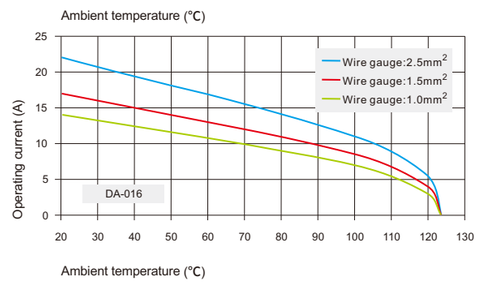


Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Number of contacts	3,4,10,16,32(2X16)+PE
DA-003/004	
• Rated current	10A
• Rated voltage conductor-ground	230V
• Rated voltage conductor-conductor	400V
• Rated impulse voltage	4KV
• Pollution degree	3
• or	10A 250V 4KV 3
DA-010/016	
• Rated current	16A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
• Pollution degree 2 also	16A 230/400V 4KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Screw terminal	
• Wire gauge	1-2.5mm²
• AWG	18-14
• Tightening torque	0.25Nm(DA-003/004) or 0.5Nm(DA-010/016)
Crimp terminal	
• Wire gauge	0.14-4mm²
• AWG	26-12
Cage-clamp	
• Wire gauge	0.14-2.5mm²
• AWG	26-14







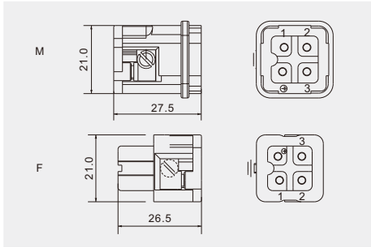
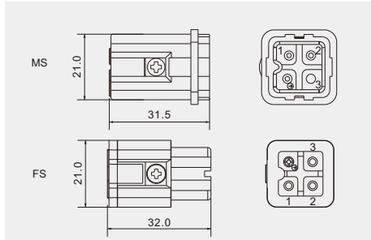
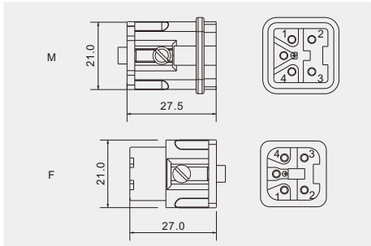
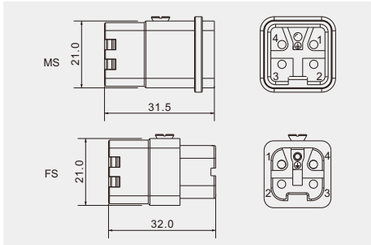
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

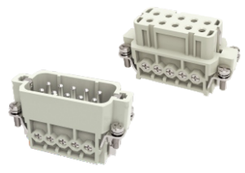
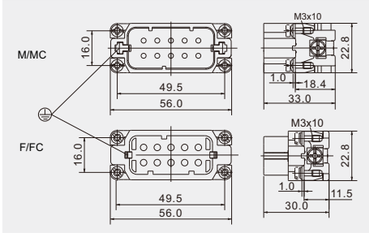
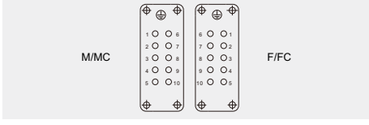
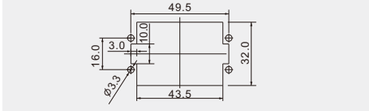
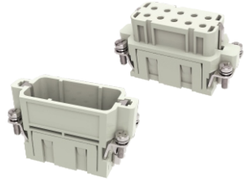
DA-003/004 The Slim Inserts 230V/400V 10A 3/4+⏚

Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal	DA-003-M	DA-003-F	0.75-1.5	18-14	Dimension and hole site 
Cage-clamp	DA-003-MS	DA-003-FS	0.5-2.5	20-14	Dimension and hole site 
Screw terminal	DA-004-M	DA-004-F	0.75-1.5	18-14	Dimension and hole site 
Cage-clamp	DA-004-MS	DA-004-FS	0.5-2.5	20-14	Dimension and hole site 

DA-010 The Slim Inserts 250V 16A 10+ ⏚

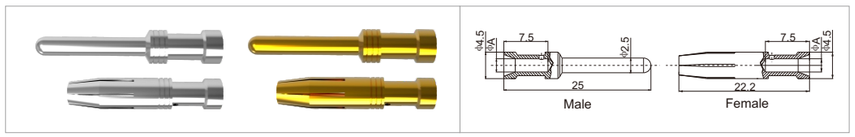
Hoods/Housings: Matching 10A Hoods Housing, detail on P111

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal 	DA-010-M	DA-010-F	1.0-2.5	18-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 
Crimp terminal 	DA-010-MC	DA-010-FC	0.14-4.0	26-12	

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

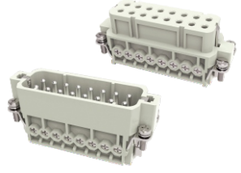
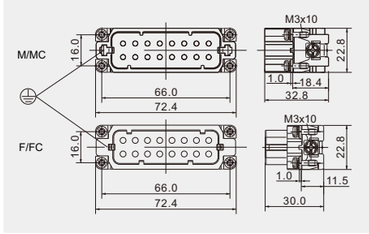
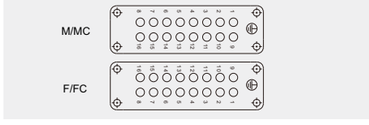
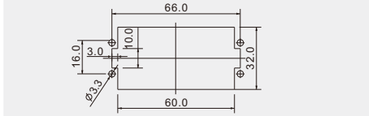
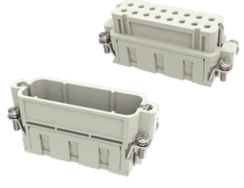
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DA-016 The Slim Inserts 250V 16A 16+ ⏚

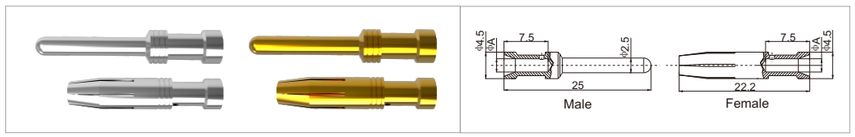
Hoods/Housings: Matching 16A Hoods Housing, detail on P112

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal 	DA-016-M	DA-016-F	1.0-2.5	18-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 
Crimp terminal 	DA-016-MC	DA-016-FC	0.14-4.0	26-12	

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

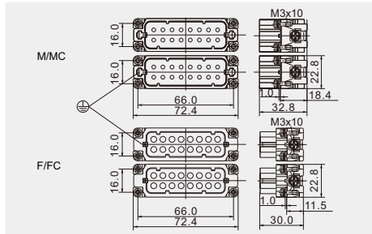
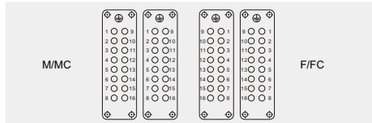
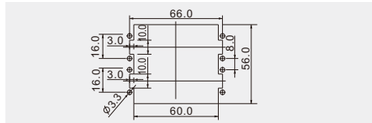
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DA-032 The Slim Inserts 250V 16A 32+⏚

Hoods/Housings: Matching 32A Hoods Housing, detail on P113-114

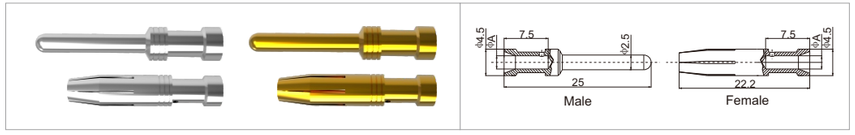
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal	DA-016-M DA-016-M(17-32)	DA-016-F DA-016-F(17-32)	1.0-2.5	18-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 
Crimp terminal	DA-016-MC DA-016-MC(17-32)	DA-016-FC DA-016-FC(17-32)	0.14-4.0	26-14	

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts

Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



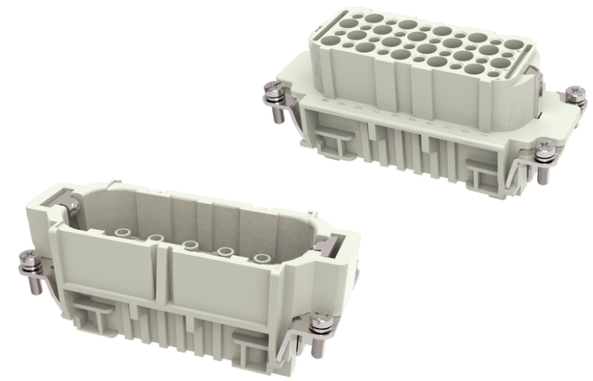
Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

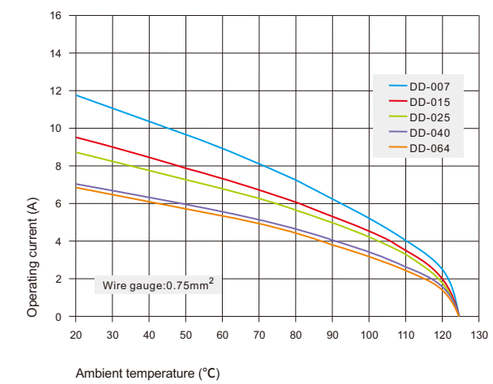
Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

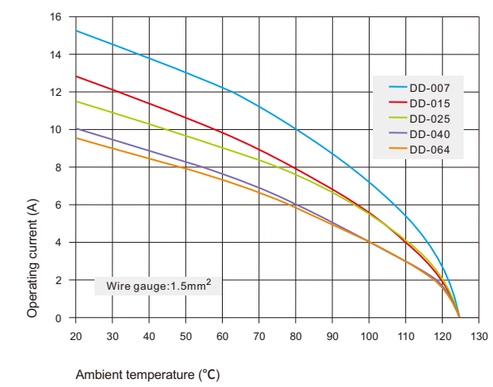
DD ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.To EN 61 984	
Number of contacts	7,15,25,40,50(25X2),64,80(40X2),128(64X2)+PE
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
• Pollution degree 2 also	10A 230/400V 4KV 2
Rated voltage acc.to UL CSA	600V
DD-008	
• Rated current	10A
• Rated voltage	~50V/-120V
• Rated impulse voltage	0.8KV
• Pollution degree	3
• Rated voltage acc.to UL CSA	50V
• Rated voltage (DC voltage)	120V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
· Wire gauge	0.14-2.5mm²
· AWG	26-14





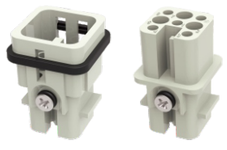
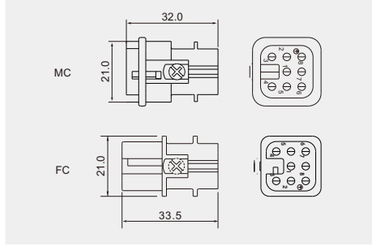
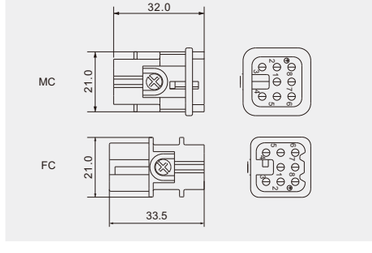
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

DD-007 Ultra-high Density Inserts 250V 10A 7+⏚
DD-008 Ultra-high Density Inserts -120V/～50V 10A 8+⏚

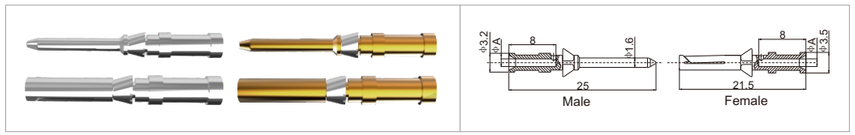
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DD-007-MC	DD-007-FC	0.14-2.5	26-14	Dimension and hole site 
Crimp terminal	DD-008-MC	DD-008-FC	0.14-2.5	26-14	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

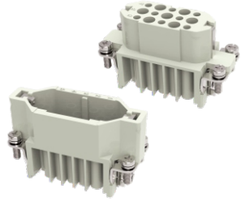
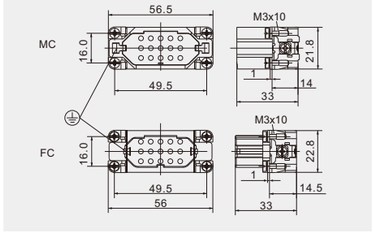
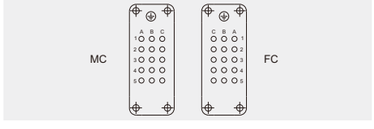
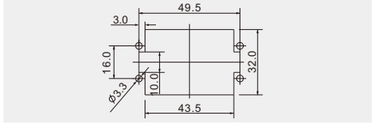
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-015 Ultra-high Density Inserts 250V 10A 15+⏚

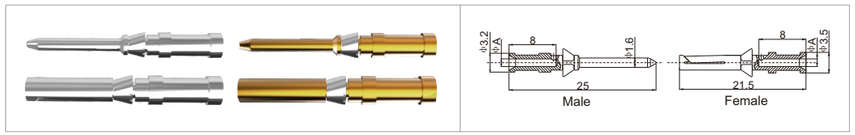
Hoods/Housings: Matching 10A Hoods Housing, detail on P111

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DD-015-MC	DD-015-FC	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

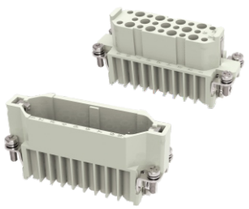
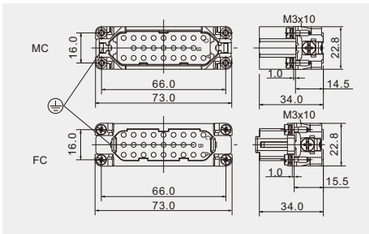
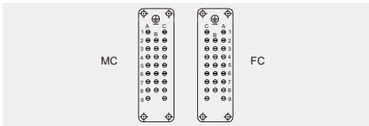
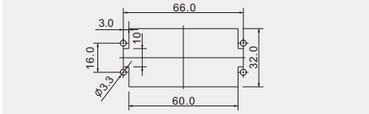
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-025 Ultra-high Density Inserts 250V 10A 25+⏚

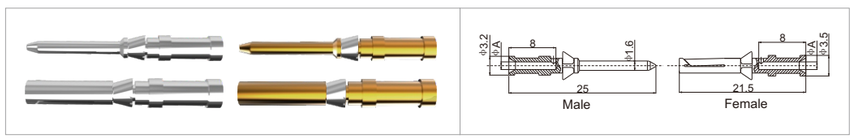
Hoods/Housings: Matching 16A Hoods Housing, detail on P112

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DD-025-MC	DD-025-FC	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

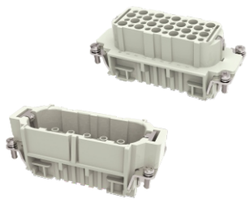
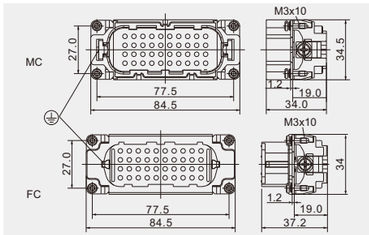
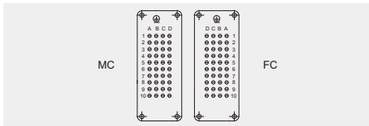
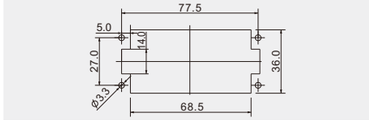
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-040 Ultra-high Density Inserts 250V 10A 40+⏚

Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DD-040-MC	DD-040-FC	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

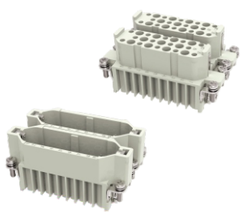
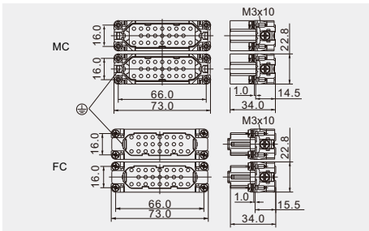
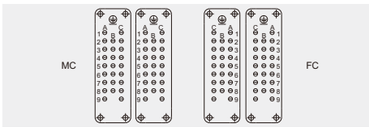
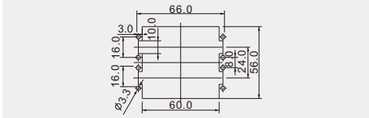
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-050 Ultra-high Density Inserts 250V 10A 50+⏚

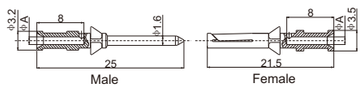
Hoods/Housings: Matching 32A Hoods Housing, detail on P113-114

Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal 	DD-050-MC (2X25)	DD-050-FC (2X25)	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

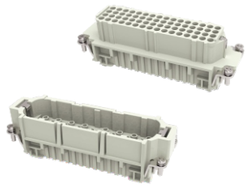
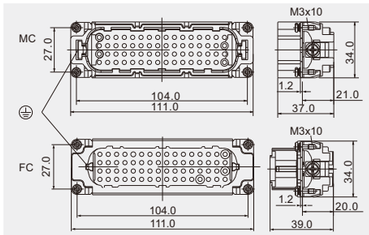
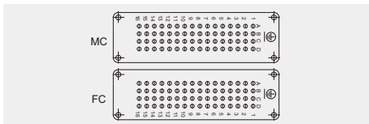
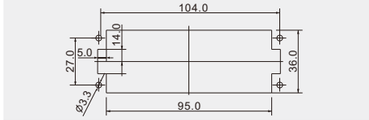
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-064 Ultra-high Density Inserts 250V 10A 64+⏚

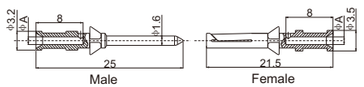
Hoods/Housings: Matching 24B Hoods Housing, detail on P131-137

Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal 	DD-064-MC	DD-064-FC	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

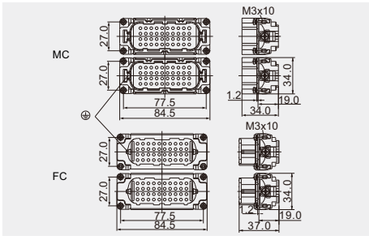
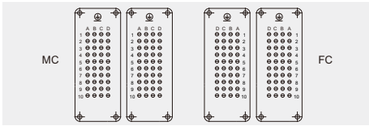
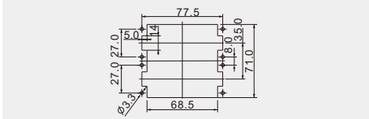
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-080 Ultra-high Density Inserts 250V 10A 80+⏚

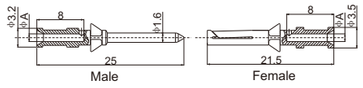
Hoods/Housings: Matching 32B Hoods Housing, detail on P138-139

Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal	DD-080-MC (2X40)	DD-080-FC (2X40)	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

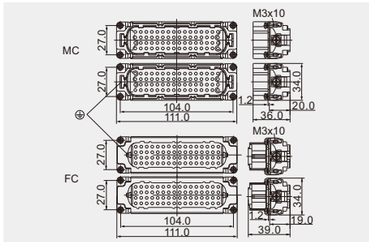
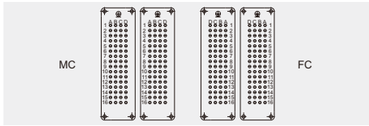
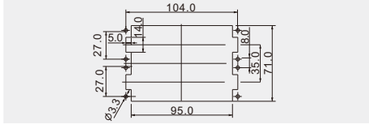
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DD-128 Ultra-high Density Inserts 250V 10A 128+⏚

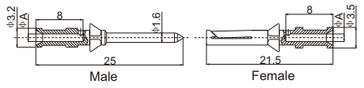
Hoods/Housings: Matching 48B Hoods Housing, detail on P140

Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal	DD-128-MC (2X64)	DD-128-FC (2X64)	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



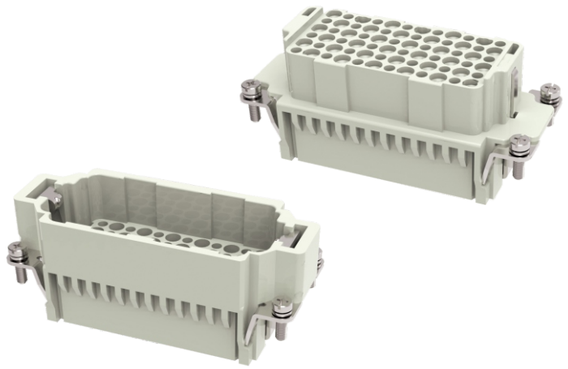
Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

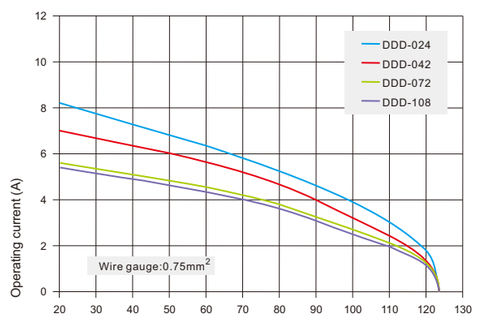
Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

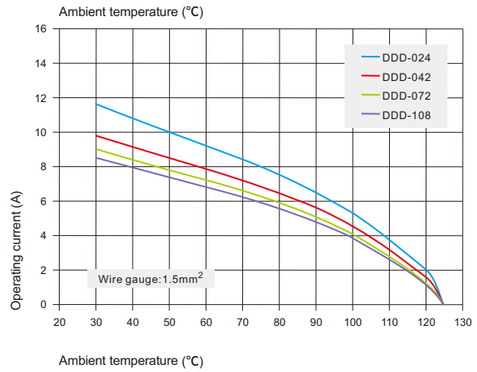
DDD ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	24,42,72,108,144(72X2),216(108X2)+PE
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
• Pollution degree 2 also	10A 230/400V 4KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14





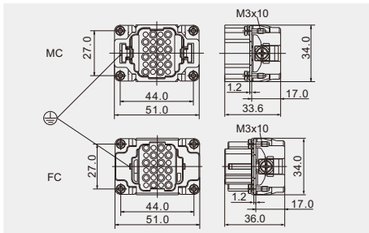
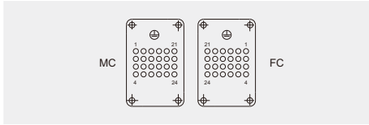
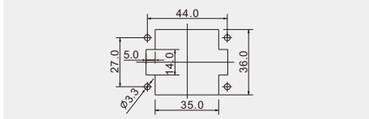
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

DDD-024 Ultra-high Density Inserts 250V 10A 24+⏚

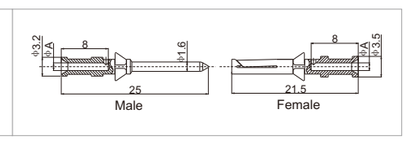
Hoods/Housings: Matching 6B Hoods Housing, detail on P115-117

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DDD-024-MC	DDD-024-FC	0.14-2.5	26-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance⩽3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

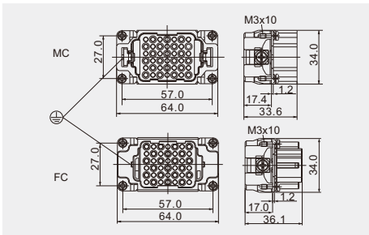
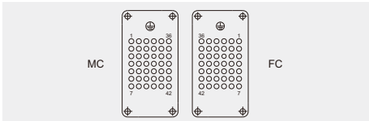
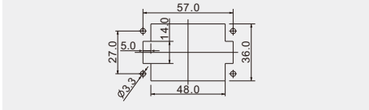
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DDD-042 Ultra-high Density Inserts 250V 10A 42+⏚

Hoods/Housings: Matching 10B Hoods Housing, detail on P118-123

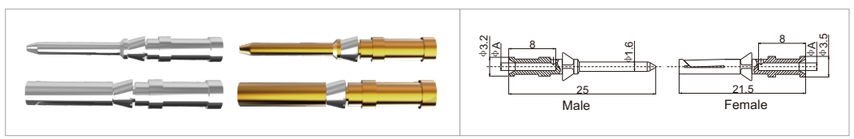
Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal	DDD-042-MC	DDD-042-FC	0.14-2.5	26-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

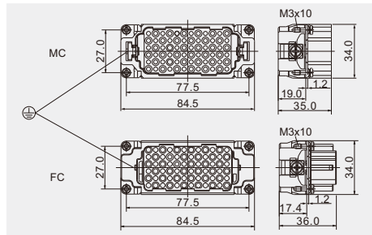
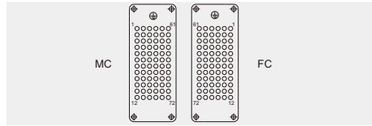
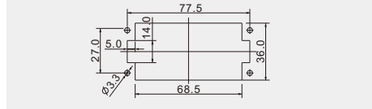
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DDD-072 Ultra-high Density Inserts 250V 10A 72+⏚

Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

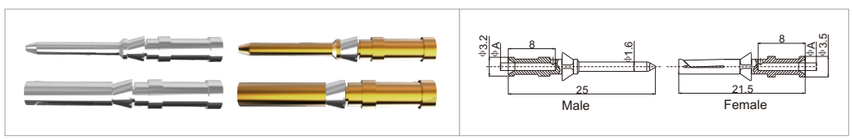
Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal	DDD-072-MC	DDD-072-FC	0.14-2.5	26-14	Distance for contact max.21mm  ontacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

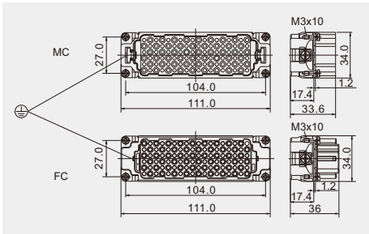
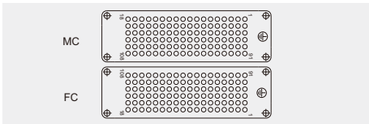
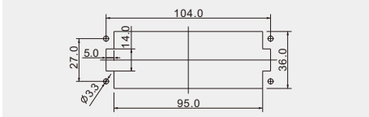
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DDD-108 Ultra-high Density Inserts 250V 10A 108+⏚

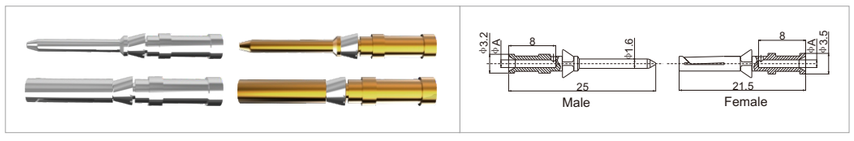
Hoods/Housings: Matching 24B Hoods Housing, detail on P131-137

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DDD-108-MC	DDD-108-FC	0.14-2.5	26-14	Distance for contact max.24mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated Male Contacts	Contacts,silver-plated Female Contacts	Contacts,gold plated Male Contacts	Contacts,gold plated Female Contacts	(ϕA)	Wire gauge (mm²)	Wire gauge (AWG)	Recommended stripping length
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

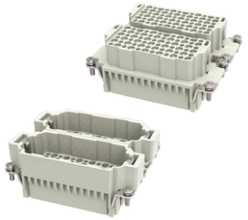
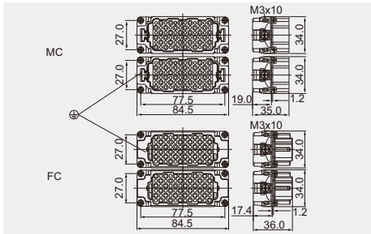
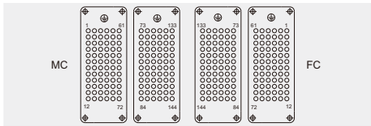
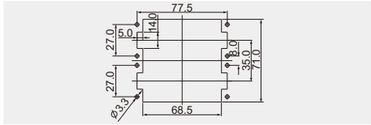
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DDD-144 Ultra-high Density Inserts 250V 10A 144+⏚

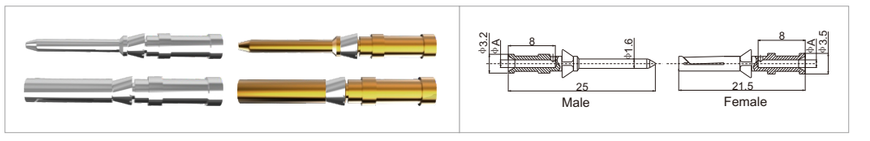
Hoods/Housings: Matching 32B Hoods Housing, detail on P138-139

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DDD-072-MC DDD-072-MC(73-144)	DDD-072-FC DDD-072-FC(73-144)	0.14-2.5	26-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated Male Contacts	Contacts,silver-plated Female Contacts	Contacts,gold plated Male Contacts	Contacts,gold plated Female Contacts	(ϕA)	Wire gauge (mm²)	Wire gauge (AWG)	Recommended stripping length
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

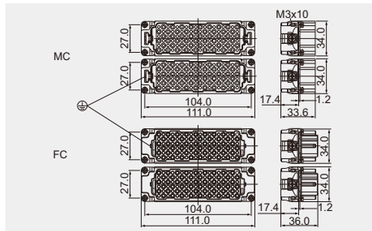
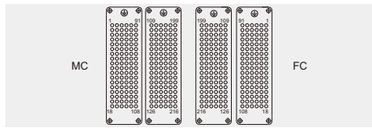
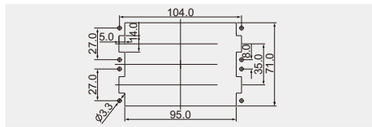
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DDD-216 Ultra-high Density Inserts 250V 10A 216+⏚

Hoods/Housings: Matching 48B Hoods Housing, detail on P140

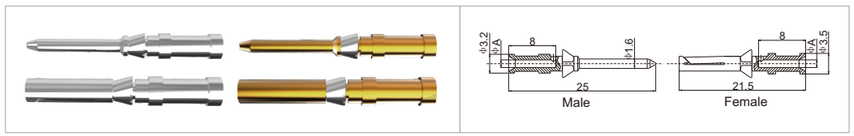
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DDD-108-MC DDD-108-MC(109-216)	DDD-108-FC DDD-108-FC(109-216)	0.14-2.5	26-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



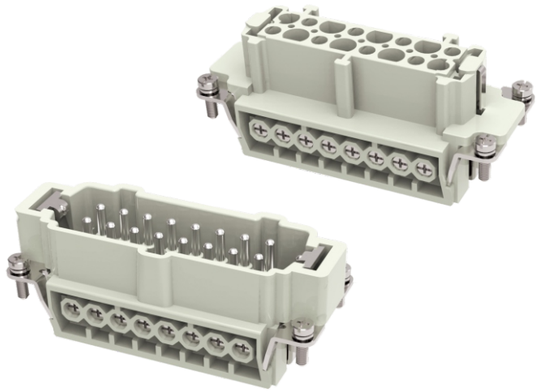
Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

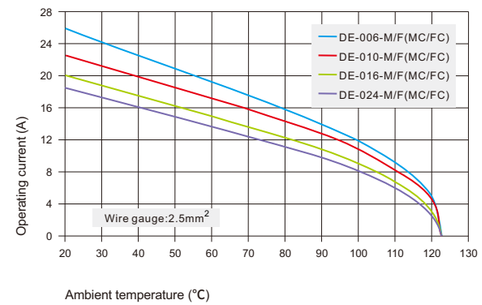
Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

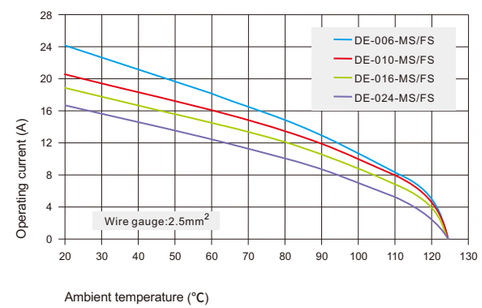
DE ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	6,10,16,24,32(2X16),48(2X24)+PE
• Rated current	16A
• Rated voltage	500V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	16A 400/690V 6KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Screw terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14
• Tightening torque	0.5Nm
• Stripping length	7mm
Crimp terminal	
• Wire gauge	0.14-4mm²
• AWG	26-12
• Stripping length	7.5mm
Cage-clamp	
• Wire gauge	0.14-2.5mm²
• AWG	26-14
• Stripping length	7-9mm





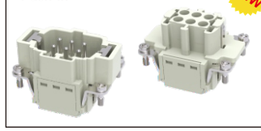
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

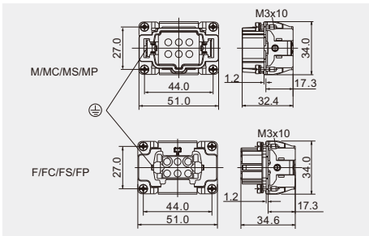
Measuring and testing techniques according to DIN EN 60512-5.

DE-006 Standard Inserts 500V 16A 6+⏚

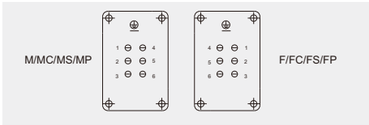
Hoods/Housings: Matching 6B Hoods Housing, detail on P115-117

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal	DE-006-M	DE-006-F	0.75-2.5	18-14	
Crimp terminal	DE-006-MC	DE-006-FC	0.14-4.0	26-12	
Cage-clamp	DE-006-MS	DE-006-FS	0.14-2.5	26-14	
Push-in NEW 	DE-006-MP	DE-006-FP	0.5-2.5	20-14	

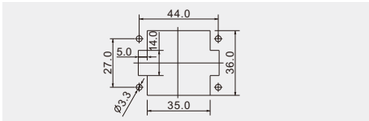
Distance for contact max.21mm



Contacts arrangement view for termination side



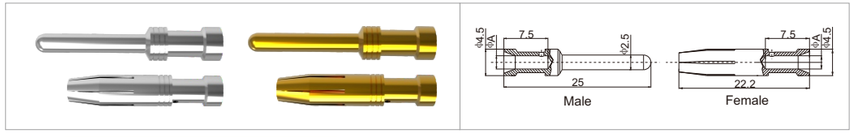
Panel cut out for use without Hoods/housings



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

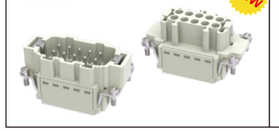
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

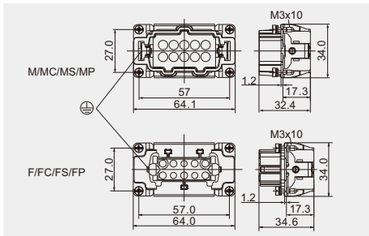
Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DE-010 Standard Inserts 500V 16A 10+⏚

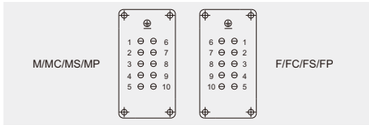
Hoods/Housings: Matching 10B Hoods Housing, detail on P118-123

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal	DE-010-M	DE-010-F	0.75-2.5	18-14	
Crimp terminal	DE-010-MC	DE-010-FC	0.14-4.0	26-12	
Cage-clamp	DE-010-MS	DE-010-FS	0.14-2.5	26-14	
Push-in NEW 	DE-010-MP	DE-010-FP	0.5-2.5	20-14	

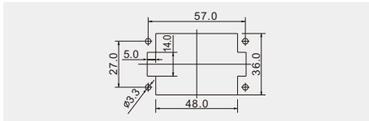
Distance for contact max.21mm



Contacts arrangement view for termination side



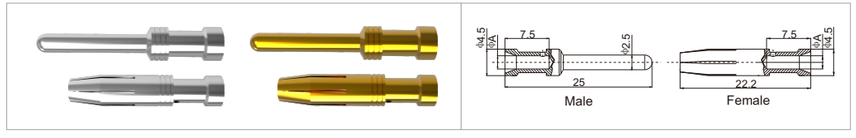
Panel cut out for use without Hoods/housings



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

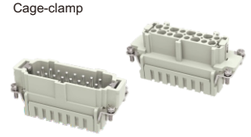
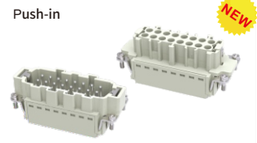
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

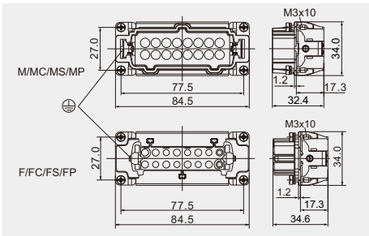
Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DE-016 Standard Inserts 500V 16A 16+⏚

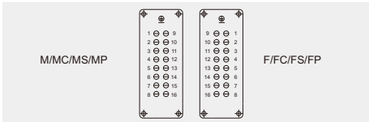
Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal	DE-016-M	DE-016-F	0.75-2.5	18-14	
Crimp terminal	DE-016-MC	DE-016-FC	0.14-4.0	26-12	
Cage-clamp 	DE-016-MS	DE-016-FS	0.14-2.5	26-14	
Push-in NEW 	DE-016-MP	DE-016-FP	0.5-2.5	20-14	

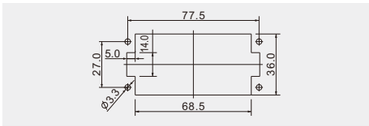
Distance for contact max.21mm



Contacts arrangement view for termination side



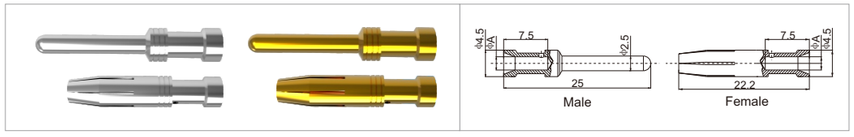
Panel cut out for use without Hoods/housings



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

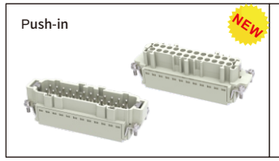
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

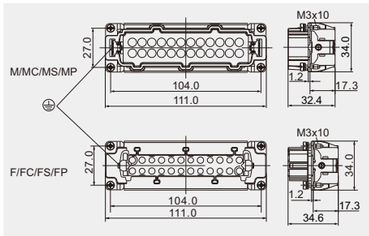
Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DE-024 Standard Inserts 500V 16A 24+⏚

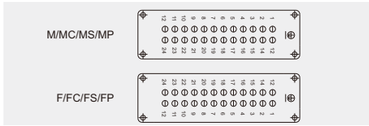
Hoods/Housings: Matching 24B Hoods Housing, detail on P131-137

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal	DE-024-M	DE-024-F	0.75-2.5	18-14	
Crimp terminal	DE-024-MC	DE-024-FC	0.14-4.0	26-12	
Cage-clamp	DE-024-MS	DE-024-FS	0.14-2.5	26-14	
Push-in NEW 	DE-024-MP	DE-024-FP	0.5-2.5	20-14	

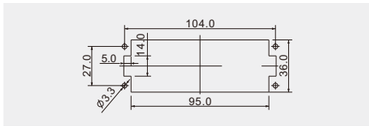
Distance for contact max.21mm



Contacts arrangement view for termination side



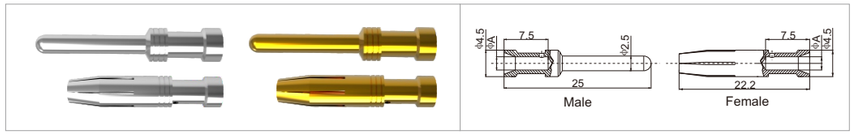
Panel cut out for use without Hoods/housings



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

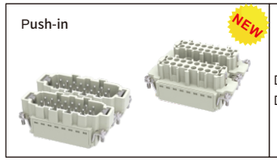
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

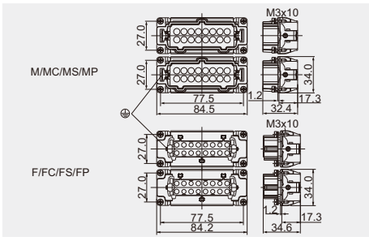
DE-032 Standard Inserts 500V 16A 32+⏚

Hoods/Housings: Matching 32B Hoods Housing, detail on P138-139

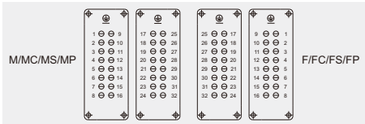
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG
Screw terminal	DE-016-M DE-016-M(17-32)	DE-016-F DE-016-F(17-32)	1.0-2.5	18-14
Crimp terminal	DE-016-MC DE-016-MC(17-32)	DE-016-FC DE-016-FC(17-32)	0.14-4.0	26-12
Cage-clamp	DE-016-MS DE-016-MS(17-32)	DE-016-FS DE-016-FS(17-32)	0.14-2.5	26-14
Push-in NEW 	DE-016-MP DE-016-MP(17-32)	DE-016-FP DE-016-FP(17-32)	0.5-2.5	20-14

Drawing

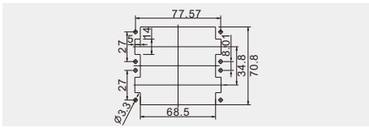
Distance for contact max.21mm



Contacts arrangement view for termination side



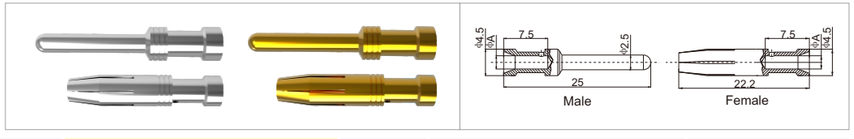
Panel cut out for use without Hoods/housings



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

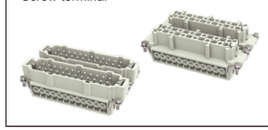
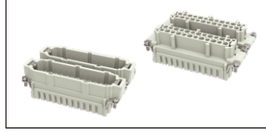
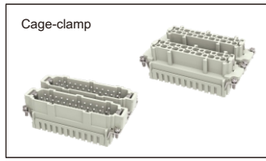
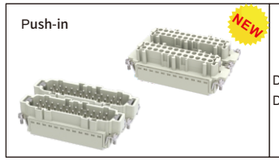
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

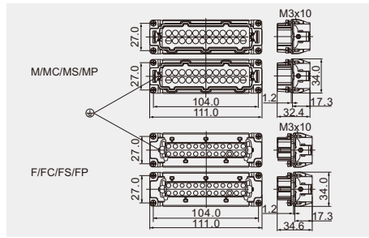
DE-048 Standard Inserts 500V 16A 48+⏚

Hoods/Housings: Matching 48B Hoods Housing, detail on P140

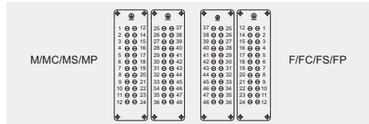
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG
Screw terminal 	DE-024-M DE-024-M(25-48)	DE-024-F DE-024-F(25-48)	0.75-2.5	18-14
Crimp terminal 	DE-024-MC DE-024-MC(25-48)	DE-024-FC DE-024-FC(25-48)	0.14-4.0	26-12
Cage-clamp 	DE-024-MS DE-024-MS(25-48)	DE-024-FS DE-024-FS(25-48)	0.14-2.5	26-14
Push-in NEW 	DE-024-MP DE-024-MP(25-48)	DE-024-FP DE-024-FP(25-48)	0.5-2.5	20-14

Drawing

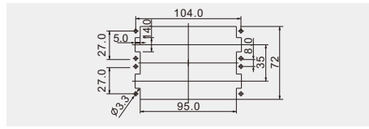
Distance for contact max.21mm



Contacts arrangement view for termination side



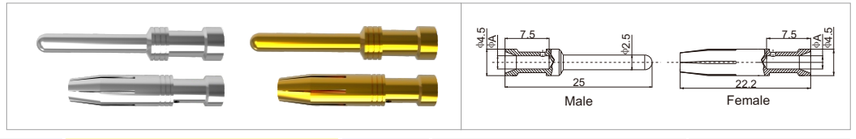
Panel cut out for use without Hoods/housings



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



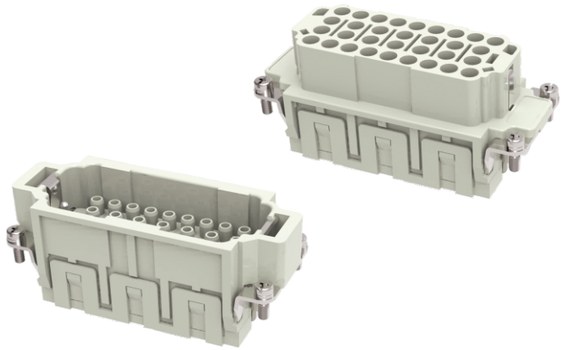
Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

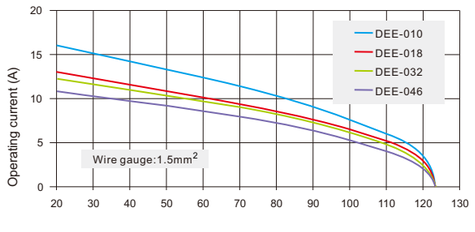
Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

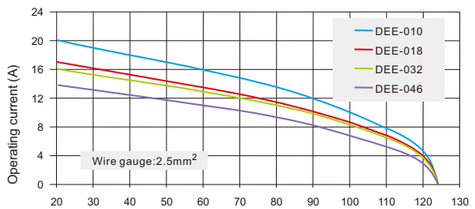
DEE ▪ Series

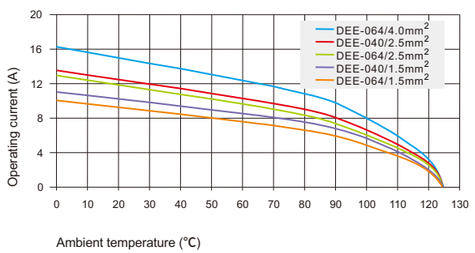


Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	10,18,32,46,64(2X32),92(2X46)+PE
• Rated current	16A
• Rated voltage	500V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	16A 830V 8KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• Wire gauge	0.14-4mm²
• AWG	26-12
• Stripping length	7.5mm







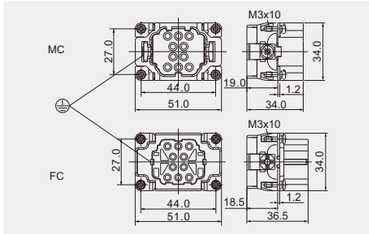
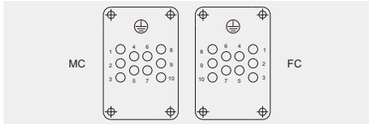
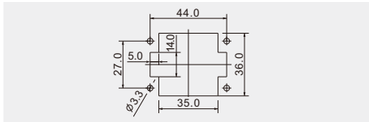
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

High-density Inserts 500V 16A 10+ ⏚

Hoods/Housings: Matching 6B Hoods Housing, detail on P115-117

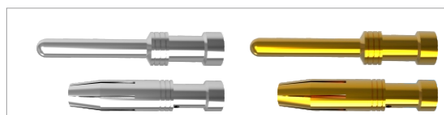
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DEE-010-MC	DEE-010-FC	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

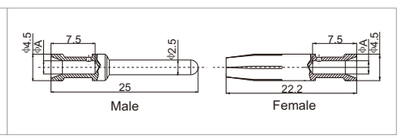
Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts

Material: Copper alloy
Contact resistance⩽1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection





Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

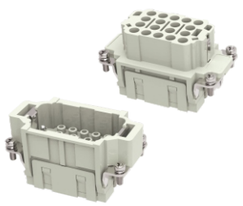
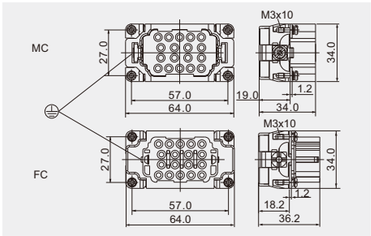
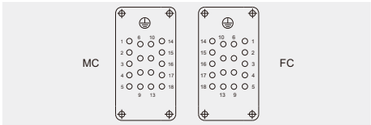
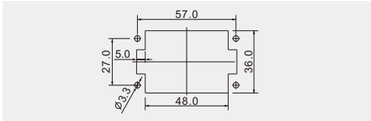
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 冷压针 16A Crimp contacts
Type : RT-16A

High-density Inserts 500V 16A 18+ ⏚

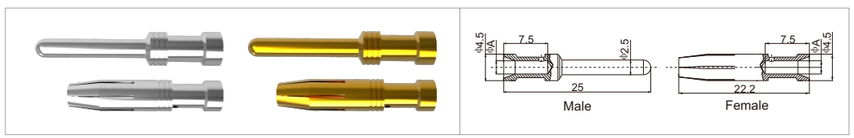
Hoods/Housings: Matching 10B Hoods Housing, detail on P118-123

Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal 	DEE-018-MC	DEE-018-FC	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

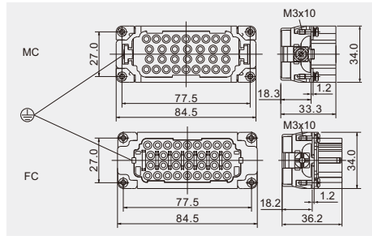
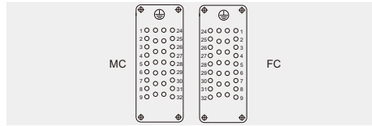
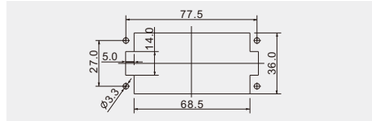
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

High-density Inserts 500V 16A 32+ ⏚

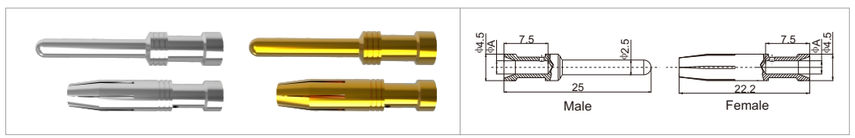
Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal	DEE-032-MC	DEE-032-FC	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

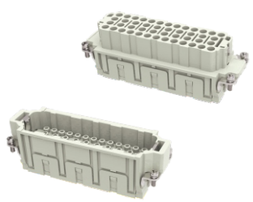
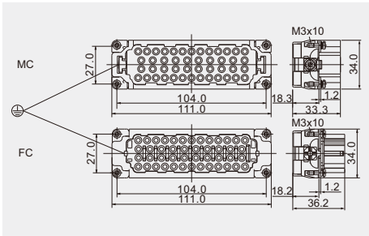
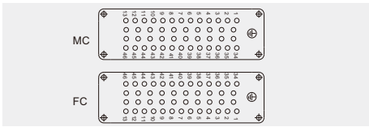
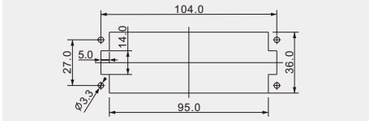
Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

High-density Inserts 500V 16A 46+ ⏚

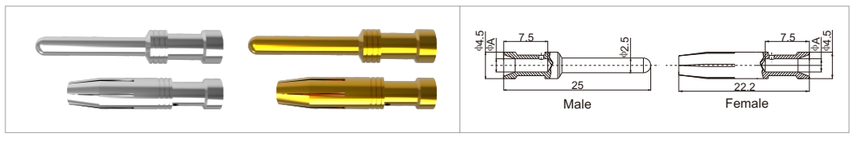
Hoods/Housings: Matching 24B Hoods Housing, detail on P131-137

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DEE-046-MC	DEE-046-FC	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
- Material: Copper alloy
- Contact resistance≤1mΩ
- Matching:DA,DE,DEE,DM,DK inserts
- Surface: Gold/silver plated
- Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

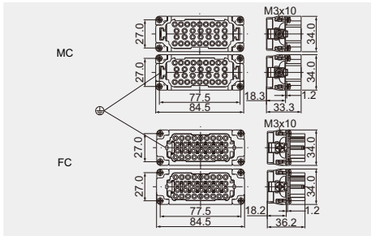
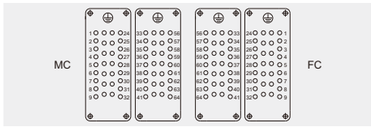
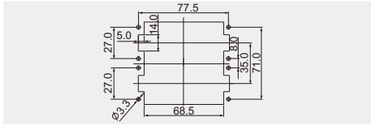
Tools

Crimping tool
- Wire gauge : 0.5~4.0mm² (AWG 20-12)
- Type : TL1-4.0

Removal tool
- For: 16A 16A Crimp contacts
- Type : RT-16A

High-density Inserts 500V 16A 64+ ⏚

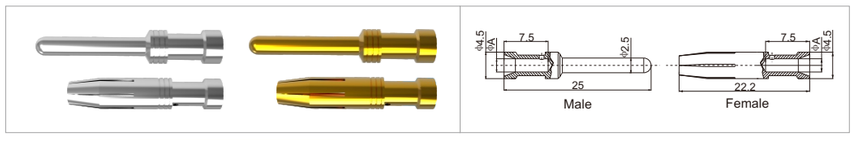
Hoods/Housings: Matching 32B Hoods Housing, detail on P138-139

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DEE-032-MC DEE-032-MC(33-64)	DEE-032-FC DEE-032-FC(33-64)	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
- Material: Copper alloy
- Contact resistance≤1mΩ
- Matching:DA,DE,DEE,DM,DK inserts
- Surface: Gold/silver plated
- Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

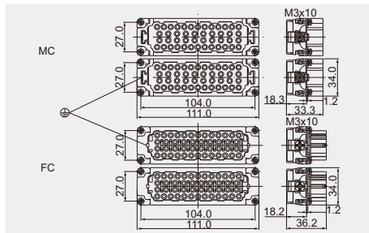
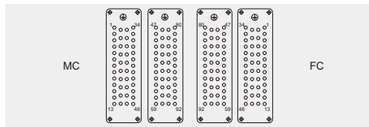
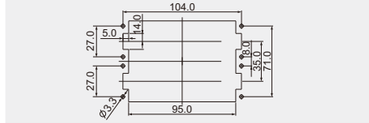
Tools

Crimping tool
- Wire gauge : 0.5~4.0mm² (AWG 20-12)
- Type : TL1-4.0

Removal tool
- For: 16A 16A Crimp contacts
- Type : RT-16A

High-density Inserts 500V 16A 92+⏚

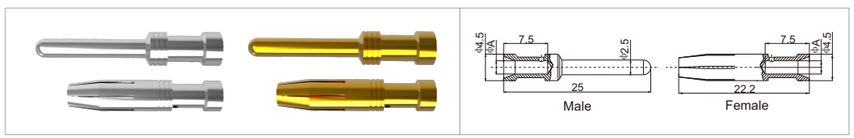
Hoods/Housings: Matching 48B Hoods Housing, detail on P140

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DEE-046-MC DEE-046-MC(47-92)	DEE-046-FC DEE-046-FC(47-92)	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
- Material: Copper alloy
- Contact resistance≤1mΩ
- Matching:DA,DE,DEE,DM,DK inserts
- Surface: Gold/silver plated
- Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

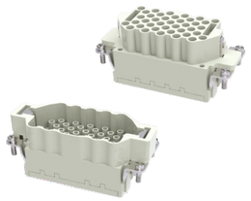
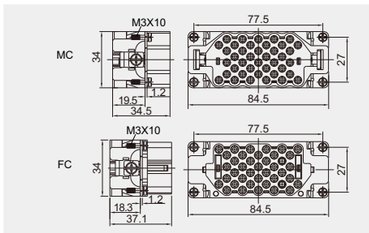
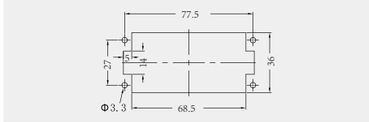
Tools

Crimping tool
- Wire gauge : 0.5~4.0mm² (AWG 20-12)
- Type : TL1-4.0

Removal tool
- For: 16A 16A Crimp contacts
- Type : RT-16A

High-density Inserts 500V 16A 40+⏚

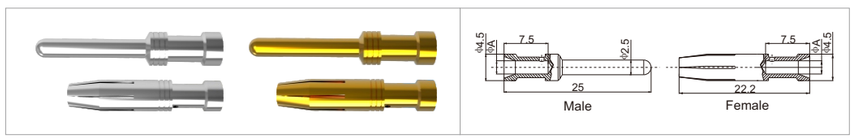
Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
NEW Crimp terminal 	DEEE-040-MC	DEEE-040-FC	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
- Material: Copper alloy
- Contact resistance≤1mΩ
- Matching:DA,DE,DEE,DM,DK inserts
- Surface: Gold/silver plated
- Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

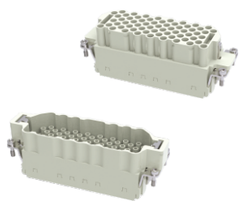
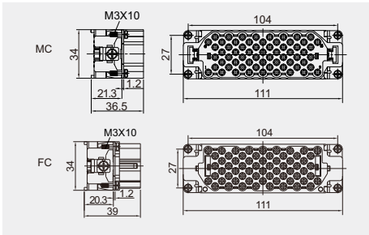
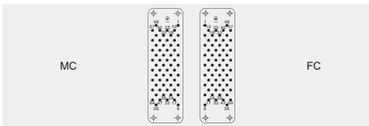
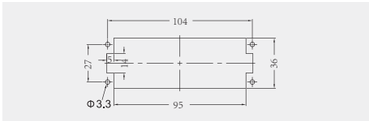
Tools

Crimping tool
- Wire gauge : 0.5~4.0mm² (AWG 20-12)
- Type : TL1-4.0

Removal tool
- For: 16A 16A Crimp contacts
- Type : RT-16A

High-density Inserts 500V 16A 64+ ⏚

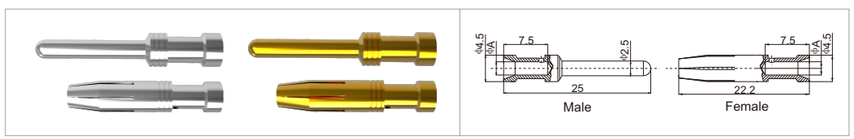
Hoods/Housings: Matching 24B Hoods Housing, detail on P131-137

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
NEW Crimp terminal 	DEEE-064-MC	DEEE-064-FC	0.14-4.0	26-12	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

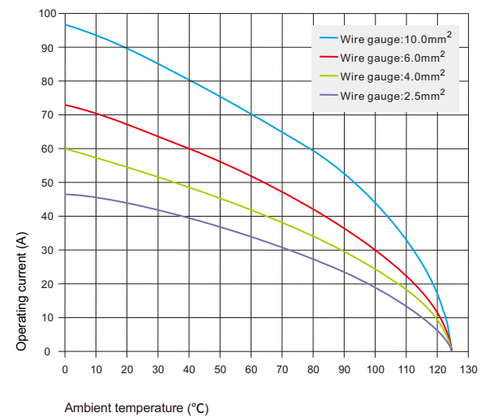
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2+PE
• Rated current	40A
• Rated voltage	830V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600V
Insulation resistance	≥ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	≤ 1m Ω
Axial screw terminal	
• mm²	2.5-10mm²
• AWG	14-8
• Hexagonal Driver	SW2
• Stripping length	
• mm²	2.5 4 6 10
• mm²	5^{+1} 5^{+1} 8^{+1} 11^{+1}
• Tightening torque	
• mm²	2.5 4 6 10
• Nm	1.5 1.5 2 2



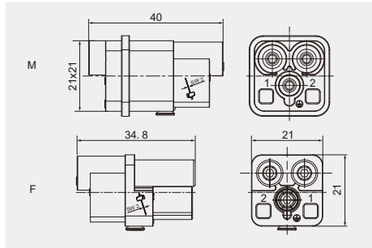
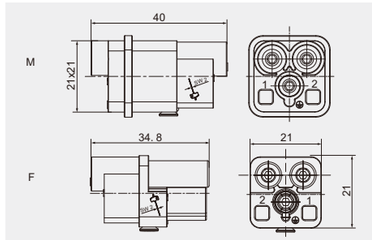
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 830V 40A 2+⏚

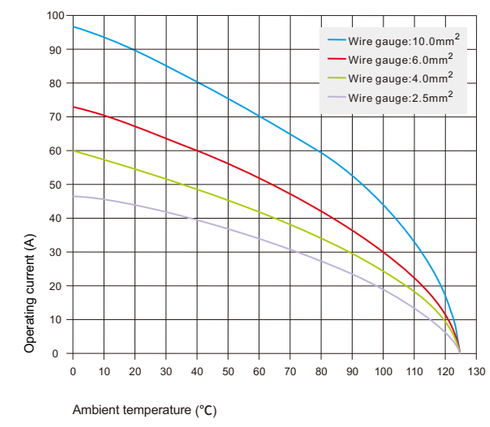
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Axial screw terminal	DQ-002-M (2.5-6mm²)	DQ-002-F (2.5-6mm²)	2. 5-6	14-10	Dimension and hole site 
	DQ-002-M (4-10mm²)	DQ-002-F (4-10mm²)	4-10	12-8	Dimension and hole site 

DQ ▪ Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2+PE
• Rated current	40A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Axial screw terminal	
• mm²	2.5-10mm²
• AWG	14-8
• Hexagonal Driver	SW2
• Stripping length	
• mm²	2.5 4 6 10
• mm²	5^{+1} 5^{+1} 8^{+1} 11^{+1}
• Tightening torque	
• mm²	2.5 4 6 10
• Nm	1.5 1.5 2 2



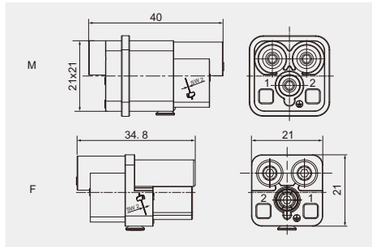
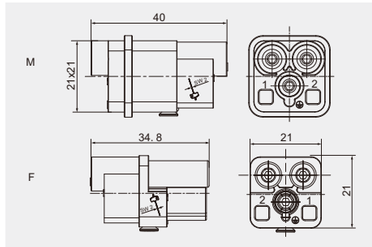
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 400V 40A 2+⏚

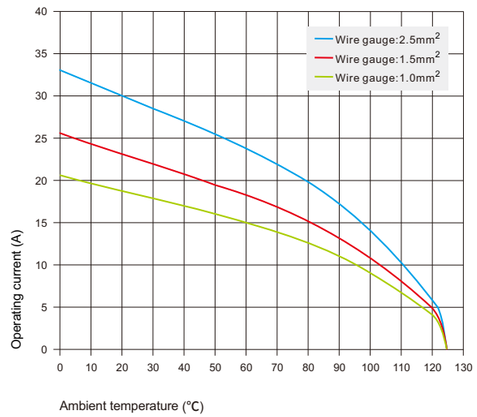
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Axial screw terminal	DQV-002-M (2.5-6mm²)	DQV-002-F (2.5-6mm²)	2. 5-6	14-10	Dimension and hole site 
	DQV-002-M (4-10mm²)	DQV-002-F (4-10mm²)	4-10	12-8	Dimension and hole site 

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	4
• Rated current	40A
• Rated voltage	830V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	40A 830/500V 6KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• Wire gauge	1.5-10mm²
• AWG	16-8



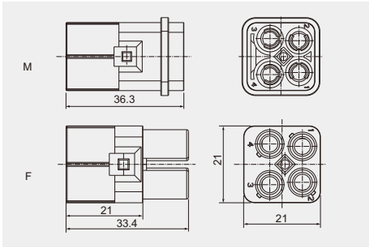
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 830V 40A 4

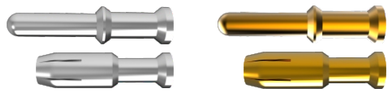
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

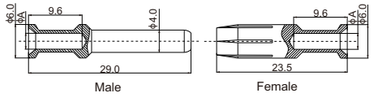
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
NEW Crimp terminal 	DQ-004-MC	DQ-004-FC	1.5-10	16-8	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(40A) Crimp contacts
Material: Copper alloy
Contact resistance≤0.3mΩ
Matching: DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection





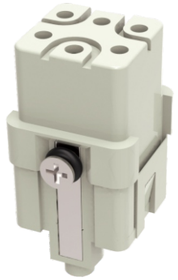
Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
40A-SM-1.5	40A-SF-1.5	40A-GM-1.5	40A-GF-1.5	1.75	1.50	16	9.0mm
40A-SM-2.5	40A-SF-2.5	40A-GM-2.5	40A-GF-2.5	2.25	2.50	14	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	2.85	4.0	12	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	3.50	6.0	10	9.5mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

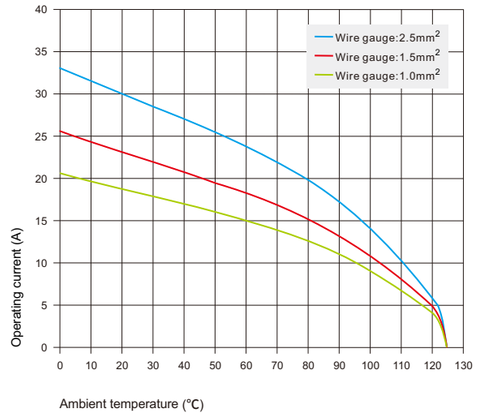
Removal tool
For: 40A Crimp contacts
Type : RT-40A

DQ · Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	5+PE
• Rated current	16A
• Rated voltage conductor-ground	230V
• Rated voltage conductor-conductor	400V
• Rated impulse voltage	4KV
• Pollution degree	3
• Pollution degree 2 also	16A 320/500V 4KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14
PE screw terminal	
• Wire gauge	0.5-2.5mm²
• AWG	20-14



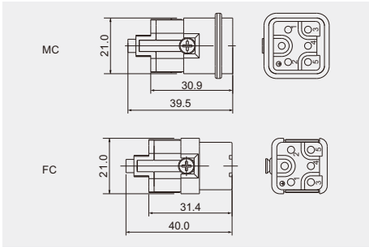
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 230V/400V 16A 5+⏚

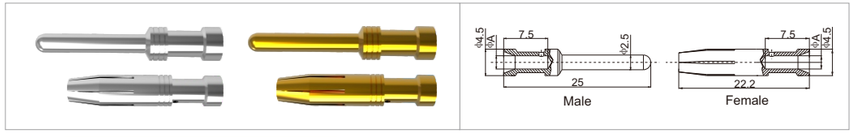
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DQ-005-MC	DQ-005-FC	0.14-2.5	26-14	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

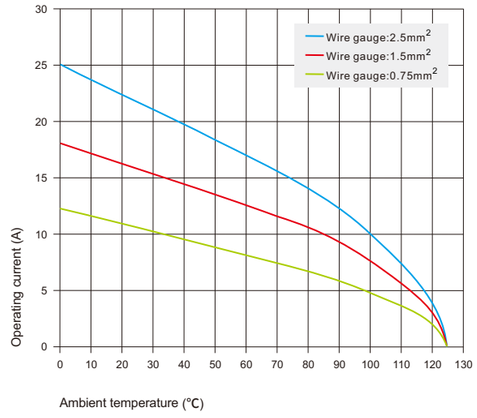
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 冷压针 16A Crimp contacts
Type : RT-16A

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	7+PE
• Rated current	10A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	10A 400/690V 6KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14
PE screw terminal	
• Wire gauge	0.5-2.5mm²
• AWG	20-14



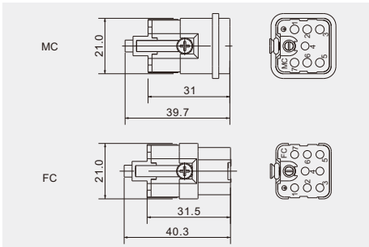
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 400V 10A 7+ ⏚

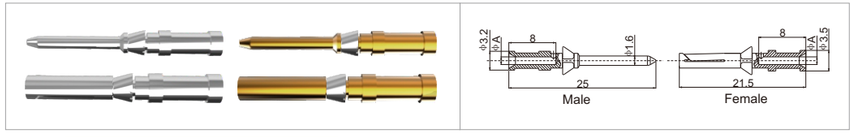
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DQ-007-MC	DQ-007-FC	0.14-2.5	26-14	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

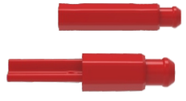


Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

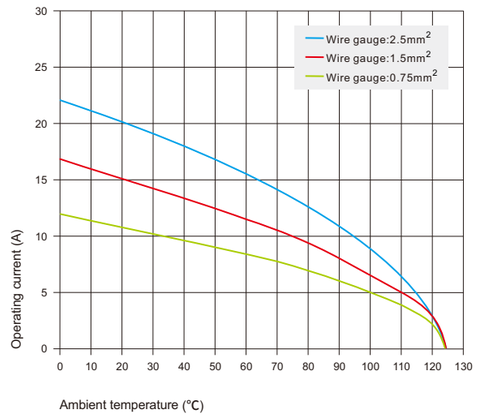


Coding pin
Type : DBM-Q7-F
Type : DBM-Q7-M

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	12+PE
• Rated current	10A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	10A 400/690V 6KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	≤ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14
PE screw terminal	
• Wire gauge	0.5-2.5mm²
• AWG	20-14



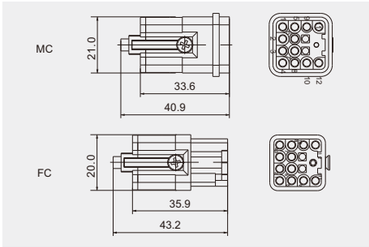
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 400V 10A 12+⏚

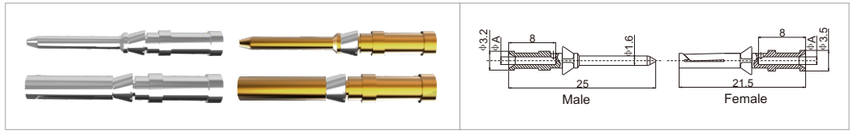
Hoods/Housings: Matching 3A Hoods Housing, detail on P108-110

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DQ-012-MC	DQ-012-FC	0.14-2.5	26-14	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

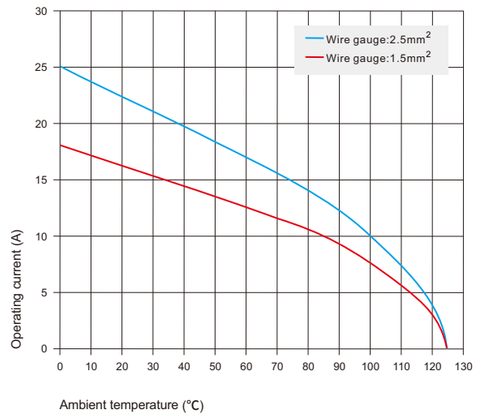
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	8+PE
• Rated current	16A
• Rated voltage	500V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	16A 400/690V 6KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• Wire gauge	0.14-4mm²
• AWG	26-12
PE screw terminal	
• Wire gauge	0.5-2.5mm²
• AWG	20-14



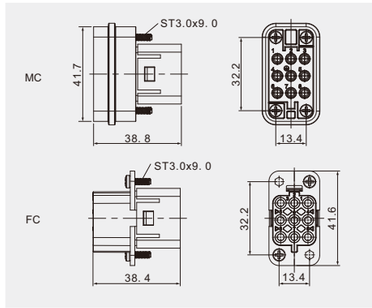
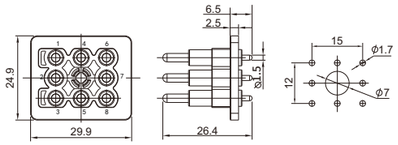
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 500V 16A 8+ ⏚

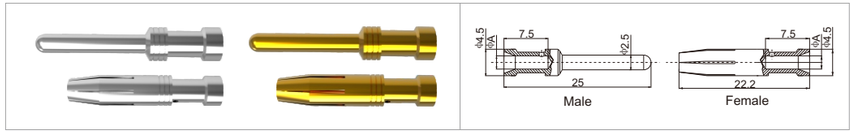
Hoods/Housings: Matching DC Hoods Housing, detail on P141

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DQ-008-MC	DQ-008-FC	0.14-4	26-12	Dimension and hole site 
PCB adapter	DQ-008-APT				

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

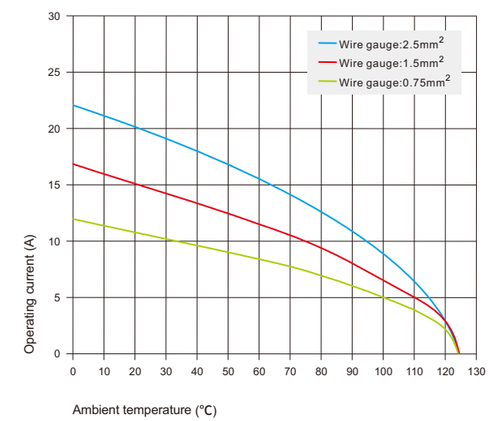
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	17+PE
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	10A 400/690V 6KV 2
Rated voltage acc.to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14
PE screw terminal	
• Wire gauge	0.5-2.5mm²
• AWG	20-14



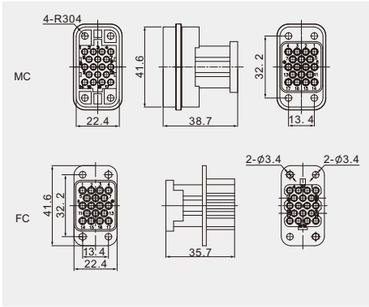
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 250V 10A 17+ ⏚

Hoods/Housings: Matching DC Hoods Housing, detail on P141

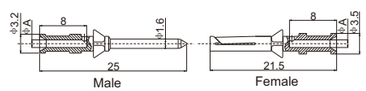
Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Crimp terminal	DQ-017-MC	DQ-017-FC	0.14-2.5	26-14	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

Crimping tool

Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

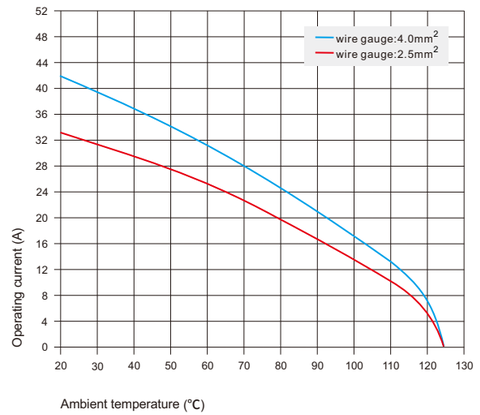
Removal tool

For: 10A 10A Crimp contacts
Type : RT-10A

DQ · Series

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	4/2+PE
Power area	
• Rated current	40A
• Rated voltage conductor-ground	400V
• Rated voltage conductor-conductor	690V
• Rated impulse voltage	6KV
• Pollution degree	3
Signal area	
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600/250V
Insulation resistance	≥ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	≥ 500
Contacts	
Power contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	≤ 1m Ω
Crimp terminal	
• Wire gauge	1.5-6mm²
• AWG	16-10
Signal contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	≤ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14



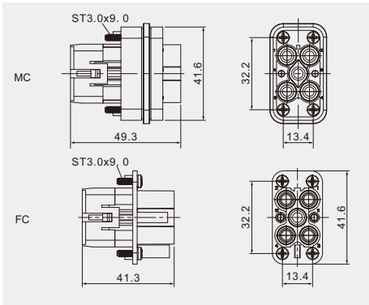
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

Compact Series 400/690V 40/10A 4/2+ ⏚

Hoods/Housings: Matching DC Hoods Housing, detail on P141

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal	DQ-4/2-MC	DQ-4/2-FC	(1.5-6.0) 0.14-2.5	(16-10) 26-14	Dimension and hole site 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A/40A) Crimp contacts

Material: Copper alloy

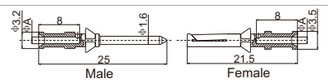
(10A) Contact resistance ≤ 3m Ω
Matching:DD,DDD,DM,DK,DQ inserts

(40A) Contact resistance ≤ 3m Ω
Matching:DM,DK inserts

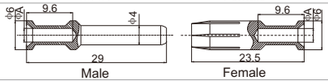
Surface: Gold/silver plated

Terminal: Crimp connection

(10A)



(40A)



Contacts,silver-plated		Contacts,gold plated		(Φ A)		Wire gauge				Recommended stripping length	
Male Contacts	Female Contacts	Male Contacts	Female Contacts	10A	40A	10A(mm²)	40A(mm²)	10A(AWG)	40A(AWG)	10A	40A
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	--	0.14-0.37	--	26-22	--	8mm	--
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	--	0.50	--	20	--	8mm	--
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	--	0.75	--	18	--	8mm	--
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	--	1.00	--	18	--	8mm	--
10A/40A-SM-1.5	10A/40A-SF-1.5	10A/40A-GM-1.5	10A/40A-GF-1.5	1.75	1.75	1.50	1.50	16	16	8mm	9.0mm
10A/40A-SM-2.5	10A/40A-SF-2.5	10A/40A-GM-2.5	10A/40A-GF-2.5	2.25	2.25	2.50	2.50	14	14	6mm	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	--	2.85	--	4.0	--	12	--	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	--	3.50	--	6.0	--	10	--	9.5mm

Tools

Crimping tool

Wire gauge : 0.5~4.0mm² (AWG 20-12)

Type : TL1-4.0

Removal tool

For: 10A 10A Crimp contacts

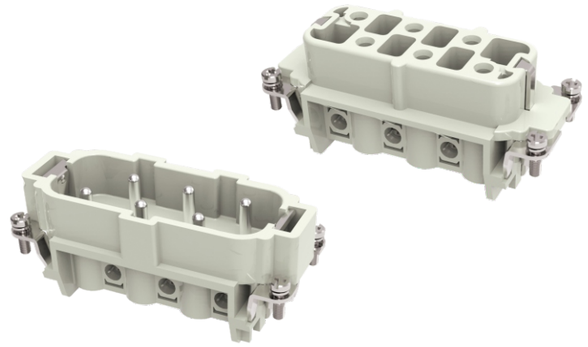
Type : RT-10A

Removal tool

For: 40A 40A Crimp contacts

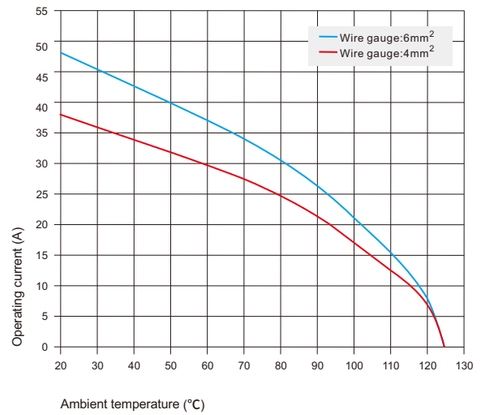
Type : RT-40A

DSB ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	6,12+PE
• Rated current	35A
• Rated voltage conductor-ground	400V
• Rated voltage conductor-conductor	690V
• Rated impulse voltage	6KV
• Pollution degree	3
• or	35A 500V 6KV 3
Rated voltage acc.to UL CSA	600V
Insulation resistance	≥ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	≤ 1m Ω
Screw terminal	
• Wire gauge	1.5-6mm²
• AWG	10
• Tightening torque	1.2Nm



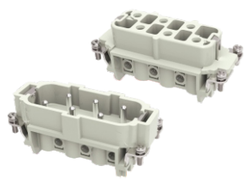
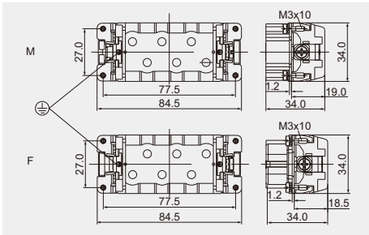
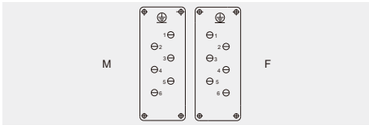
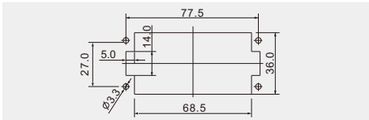
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

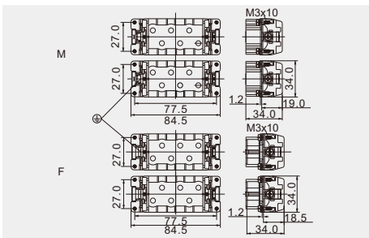
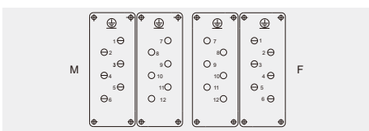
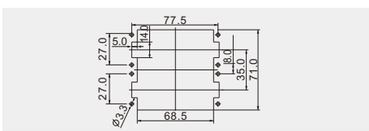
Heavy-current Inserts 400V/690V 35A 6+⏚

Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

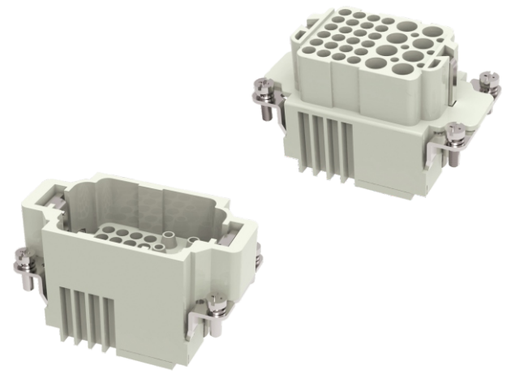
Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Screw terminal 	DSB-006-M	DSB-006-F	1.5-6.0	16-10	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

DSB-012 Heavy-current Inserts 400V/690V 35A 12+⏚

Hoods/Housings: Matching 32B Hoods Housing, detail on P138-139

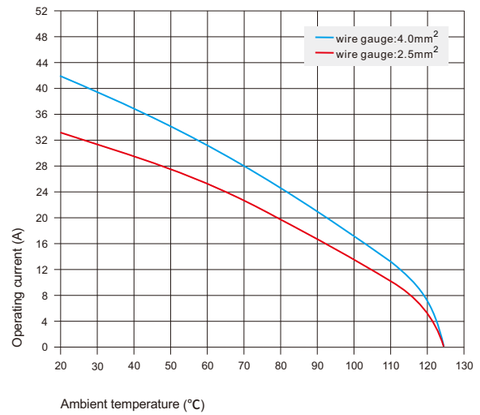
Crimp terminal	DSB-006-M DSB-006-M(7-12)	DSB-006-F DSB-006-F(7-12)	1.5-6.0	16-10	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

DK · Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	8/24+PE
Power area	
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	10A 250V 4KV 2
Signal area	
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600/300V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Power contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• Wire gauge	0.5-4mm²
• AWG	20-12
Signal contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14



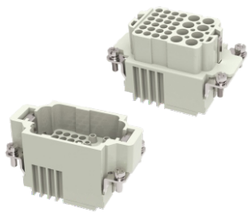
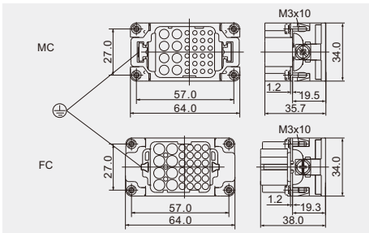
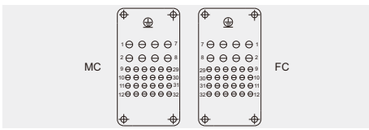
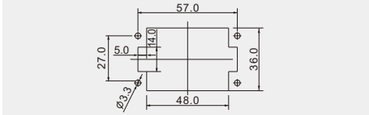
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

DK-8/24 Combination Inserts 400V/250V 16A/10A 8/24+⏚

Hoods/Housings: Matching 10B Hoods Housing, detail on P118-123

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DK-8/24-MC	DK-8/24-FC	0.5-4.0 0.14-2.5	(20-12) 26-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A/16A) Crimp contacts

Material: Copper alloy

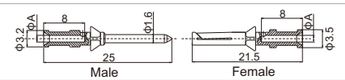
(10A) Contact resistance ≤ 3m Ω
Matching:DD,DDD,DM,DK,DQ inserts

(16A) Contact resistance ≤ 1m Ω
Matching:DA,DE,DEE,DM,DK inserts

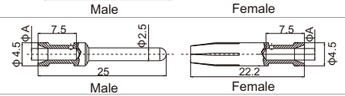
Surface: Gold/silver plated

Terminal: Crimp connection

(10A)



(16A)



Contacts,silver-plated		Contacts,gold plated		(ΦA)		Wire gauge				Recommended stripping length	
Male Contacts	Female Contacts	Male Contacts	Female Contacts	10A	16A	10A(mm²)	16A(mm²)	10A(AWG)	16A(AWG)	10A	16A
10A/16A-SM-0.37	10A/16A-SF-0.37	10A/16A-GM-0.37	10A/16A-GF-0.37	0.9	0.9	0.14-0.37	0.14-0.37	26-22	26-22	8mm	7.5mm
10A/16A-SM-0.5	10A/16A-SF-0.5	10A/16A-GM-0.5	10A/16A-GF-0.5	1.1	1.1	0.50	0.50	20	20	8mm	7.5mm
10A/16A-SM-0.75	10A/16A-SF-0.75	10A/16A-GM-0.75	10A/16A-GF-0.75	1.3	1.3	0.75	0.75	18	18	8mm	7.5mm
10A/16A-SM-1.0	10A/16A-SF-1.0	10A/16A-GM-1.0	10A/16A-GF-1.0	1.45	1.45	1.00	1.00	18	18	8mm	7.5mm
10A/16A-SM-1.5	10A/16A-SF-1.5	10A/16A-GM-1.5	10A/16A-GF-1.5	1.75	1.75	1.50	1.50	16	16	8mm	7.5mm
10A/16A-SM-2.5	10A/16A-SF-2.5	10A/16A-GM-2.5	10A/16A-GF-2.5	2.25	2.25	2.50	2.50	14	14	6mm	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	--	2.85	--	4.00	--	12	--	7.5mm

Tools

Crimping tool

Wire gauge : 0.5~4.0mm² (AWG 20-12)

Type : TL1-4.0

Removal tool

For: 10A 10A Crimp contacts

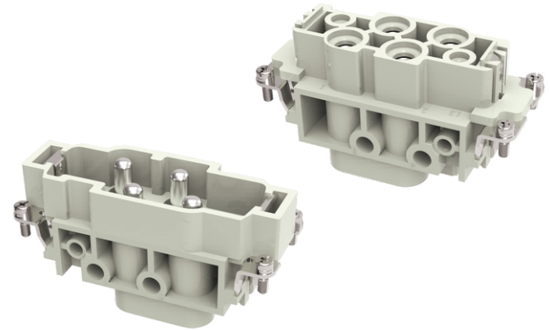
Type : RT-10A

Removal tool

For: 16A 16A Crimp contacts

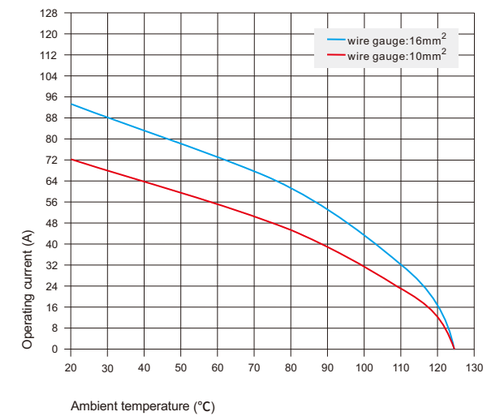
Type : RT-16A

DK ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	4/0+PE,4/2+PE
Power area	
• Rated current	80A
• Rated voltage	690V
• Rated impulse voltage	8KV
• Pollution degree	3
• Pollution degree 2 also	80A 1000V 8KV 2
Signal area	
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	16A 400/690V 6KV 2
Rated voltage acc.to UL CSA	600/300V
Insulation resistance	≥ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	≥ 500
Contacts	
Power area	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	≤ 0.3m Ω
Screw terminal	
• Wire gauge	1.5-16mm²
• AWG	16-6
• Tightening torque	
• mm²	1.5 2.5 4 6 10 16
• N.m	1.2 2 3 3 3 3
• Stripping length	14mm
Signal area	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	≤ 1m Ω
Screw terminal	
• Wire gauge	0.5-2.5mm²
• AWG	20-14
• Tightening torque	0.5Nm
• Stripping length	7.5mm



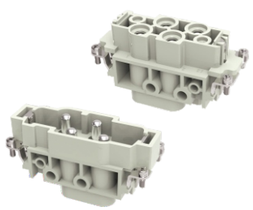
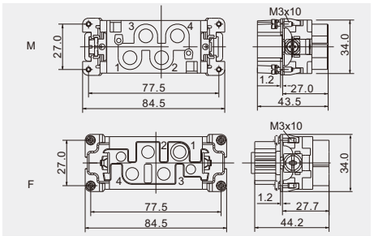
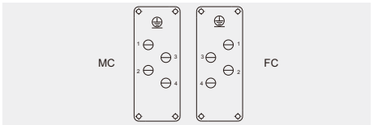
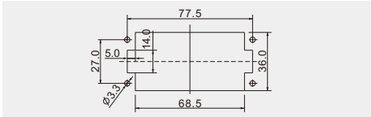
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

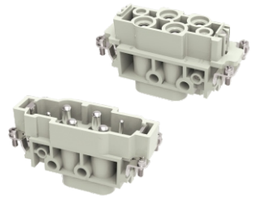
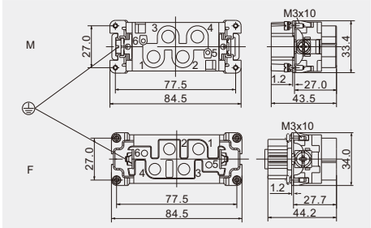
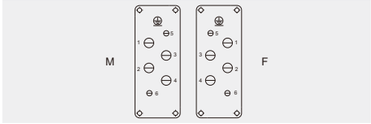
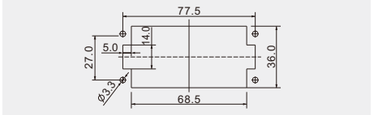
DK-4/0 Combination Inserts 690V 80A 4/0+ ⏚

Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

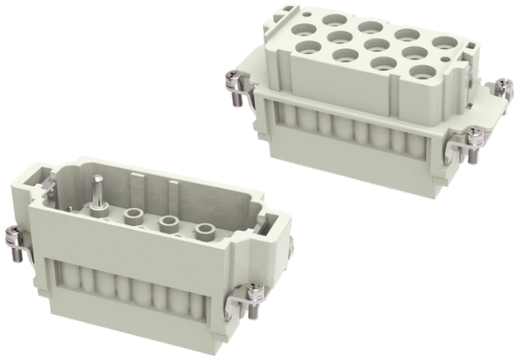
Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Screw terminal 	DK-4/0-M	DK-4/0-F	1.5-16	16-6	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

DK-4/2 Combination Inserts 690V/400V 80A/16A 4/2+

Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

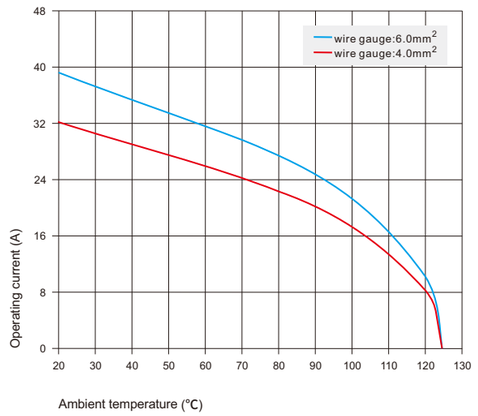
Screw terminal 	DK-4/2-M	DK-4/2-F	(1.5~16) 1.0~2.5	(16-6) 18-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

DK ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	12/2+PE
Power area	
• Rated current	40A
• Rated voltage	690V
• Rated impulse voltage	8KV
• Pollution degree	3
Signal area	
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600/300V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Power contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Crimp terminal	
• Wire gauge	1.5-6mm²
• AWG	16-10
• Max.insulation diameter	
Signal contacts	
Material	Copper alloy
Surface	Hard-gold plated Hard-silver plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• Wire gauge	0.14-2.5mm²
• AWG	26-14



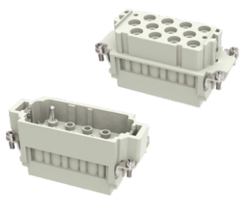
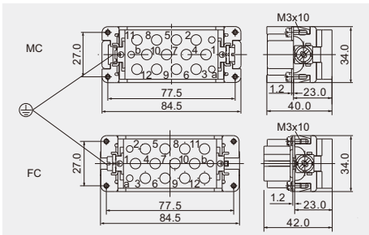
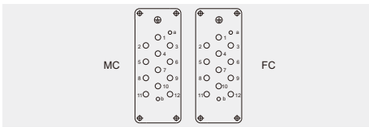
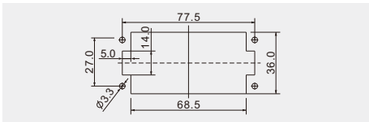
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

DK-12/2 Combination Inserts 690V/250V 40A/10A 12/2+ ⏚

Hoods/Housings: Matching 16B Hoods Housing, detail on P104-109

Inserts	Male	Female	Wire gauge mm²	Wire gauge AWG	Drawing
Crimp terminal 	DK-12/2-MC	DK-12/2-FC	1.5-6.0 0.14-2.5	(16-10) 26-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A/40A) Crimp contacts

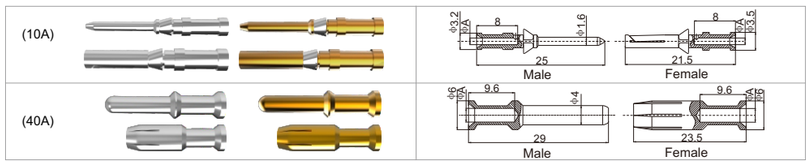
Material: Copper alloy

(10A) Contact resistance ≤ 3m Ω
Matching:DD,DDD,DM,DK,DQ inserts

(40A) Contact resistance ≤ 3m Ω
Matching:DM,DK inserts

Surface: Gold/silver plated

Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(Φ A)		Wire gauge				Recommended stripping length	
Male Contacts	Female Contacts	Male Contacts	Female Contacts	10A	40A	10A(mm²)	40A(mm²)	10A(AWG)	40A(AWG)	10A	40A
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	--	0.14-0.37	--	26-22	--	8mm	--
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	--	0.50	--	20	--	8mm	--
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	--	0.75	--	18	--	8mm	--
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	--	1.00	--	18	--	8mm	--
10A/40A-SM-1.5	10A/40A-SF-1.5	10A/40A-GM-1.5	10A/40A-GF-1.5	1.75	1.75	1.50	1.50	16	16	8mm	9.0mm
10A/40A-SM-2.5	10A/40A-SF-2.5	10A/40A-GM-2.5	10A/40A-GF-2.5	2.25	2.25	2.50	2.50	14	14	6mm	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	--	2.85	--	4.0	--	12	--	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	--	3.50	--	6.0	--	10	--	9.5mm

Tools

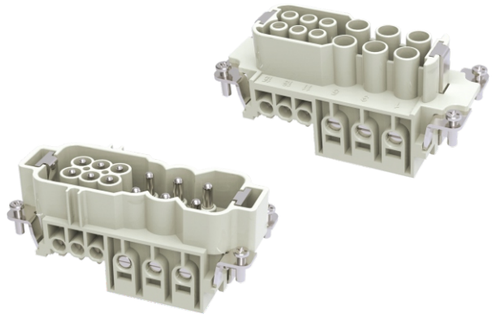
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

Removal tool
For: 40A 40A Crimp contacts
Type : RT-40A

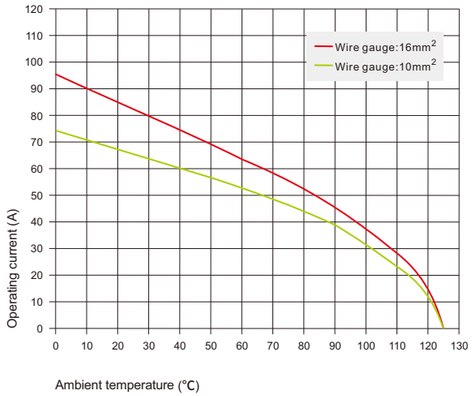
DK · Series

NEW



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	6/6+PE
Power area	
• Rated current	40A
• Rated voltage	690V
• Rated impulse voltage	8KV
• Pollution degree	3
Signal area	
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600/600V
Insulation resistance	≥ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	≥ 500
Contacts	
Power area	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	≤ 1m Ω
Screw terminal	
• Wire gauge	4-10mm²
• AWG	12-8
• Tightening torque	
• mm²	1.5 2.5 4 6 10
• N.m	1.2 2 3 3 3
Signal area	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	≤ 1m Ω
Screw terminal	
• Wire gauge	1-2.5mm²
• AWG	18-4
• Tightening torque	0.5Nm



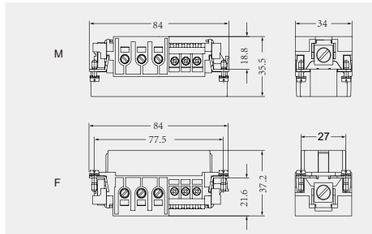
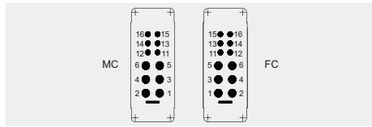
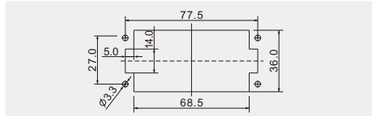
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

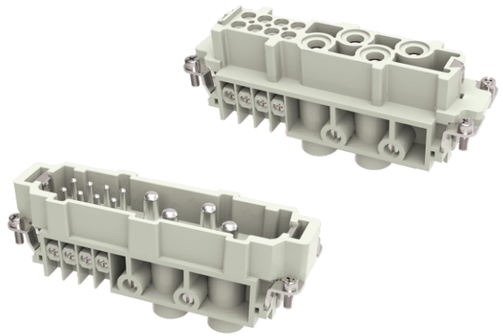
Measuring and testing techniques according to DIN EN 60512-5.

DWK-6/6 Combination Inserts 690/400V 40/16A 6/6+⏚

Hoods/Housings: Matching 16B Hoods Housing, detail on P124-130

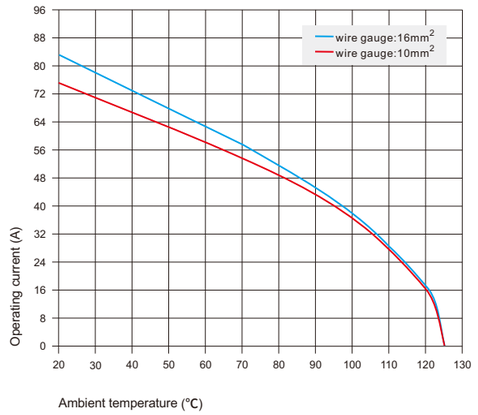
Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
NEW Axial screw terminal 	DWK-6/6-M	DWK-6/6-F	1-2.5 4-10	(18-4) 12-8	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

DK ▪ Series



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	4/8+PE
Power area	
• Rated current	80A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
• Pollution degree 2 also	80A 400/690V 6KV 2
Signal area	
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc.to UL CSA	600/600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Power area	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Screw terminal	
• Wire gauge	1.5-16mm²
• AWG	16-6
• Tightening torque	
• mm²	1.5 2.5 4 6 10 16
• N.m	1.2 2 3 3 3 3
• Stripping length	14mm
Signal area	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 1m Ω
Screw terminal	
• Wire gauge	1.0-2.5mm²
• AWG	18-14
• Tightening torque	0.5Nm
• Stripping length	7.5mm



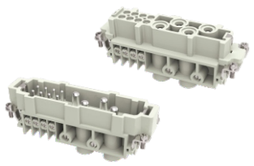
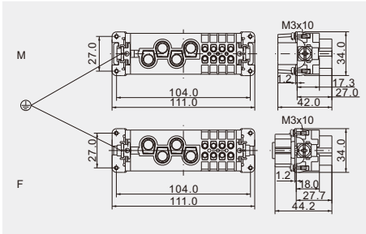
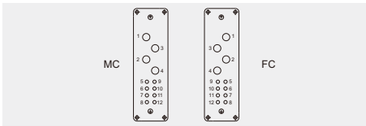
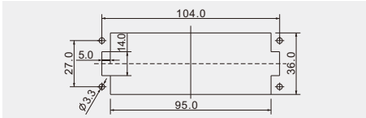
Current carrying capacity

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.

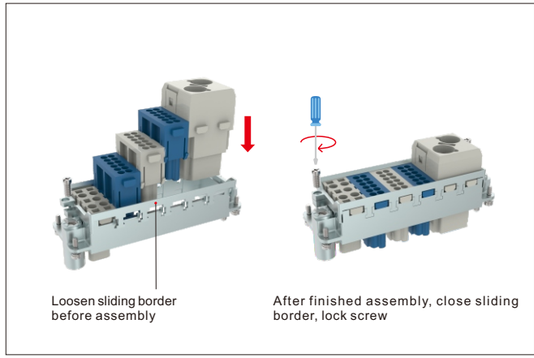
DK-4/8 Combination Inserts 400V/400V 80A/16A 4/8+⏚

Hoods/Housings: Matching 24B Hoods Housing, detail on P131-137

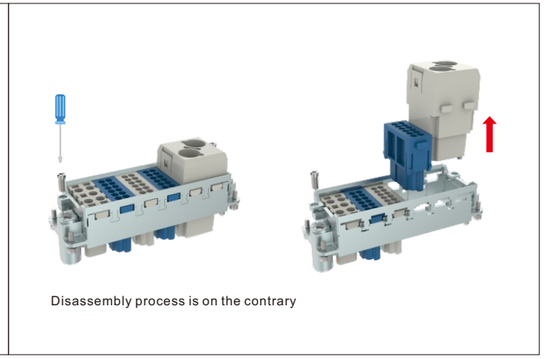
Inserts	Male	Female	Wire gauge		Drawing
			mm²	AWG	
Screw terminal 	DK-4/8-M	DK-4/8-F	1.5-16 0.75-2.5	(16-6) 18-14	Distance for contact max.21mm  Contacts arrangement view for termination side  Panel cut out for use without Hoods/housings 

DF Hinged Frames

Assembly instruction

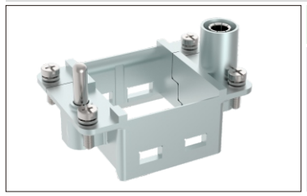


Disassembly instruction



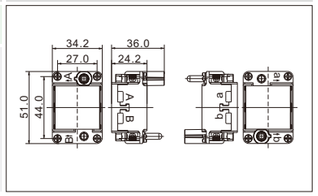
Frame Version

6B frame, size 6B hoods/housings

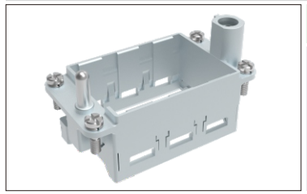


Type	Marking	Description
DF6B-UA	A-B	For 2 modules
DF6B-LA	a-b	For 2 modules

Dimension

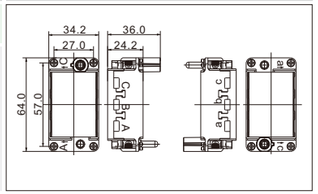


10B frame, size 10B hoods/housings

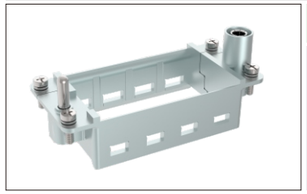


Type	Marking	Description
DF10B-UA	A-C	For 3 modules
DF10B-LA	a-c	For 3 modules

Dimension

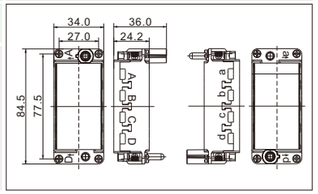


16B frame, size 16B hoods/housings

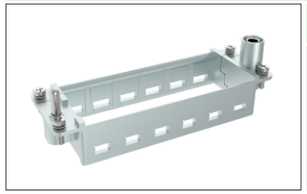


Type	Marking	Description
DF16B-UA	A-D	For 4 modules
DF16B-LA	a-d	For 4 modules

Dimension

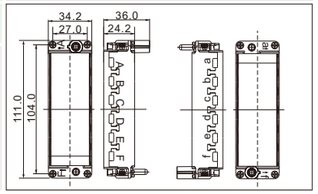


24B frame, size 24B hoods/housings



Type	Marking	Description
DF24B-UA	A-F	For 6 modules
DF24B-LA	a-f	For 6 modules

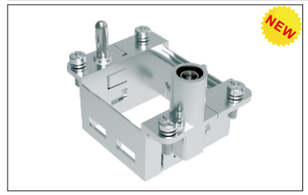
规格尺寸 Dimension



DF Hinged Frames

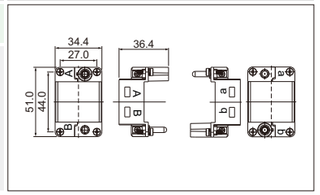
Frame Version

6B frame, size 6B hoods/housings

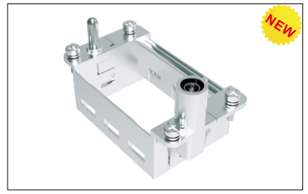


Type	Marking	Description
DF6B-UA-00A(H)	A-B	For 2 modules
DF6B-LA-00A(H)	a-b	For 2 modules

Dimension

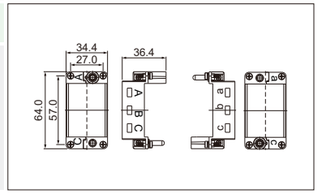


10B frame, size 10B hoods/housings

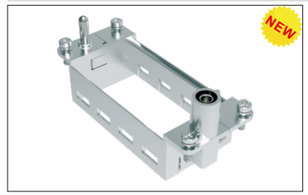


Type	Marking	Description
DF10B-UA-00A(H)	A-C	For 3 modules
DF10B-LA-00A(H)	a-c	For 3 modules

Dimension

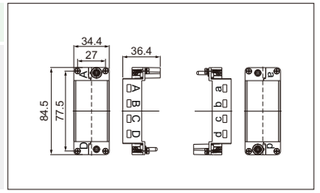


16B frame, size 16B hoods/housings

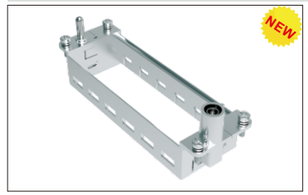


Type	Marking	Description
DF16B-UA-00A(H)	A-D	For 4 modules
DF16B-LA-00A(H)	a-d	For 4 modules

Dimension

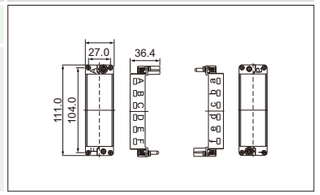


24B frame, size 24B hoods/housings

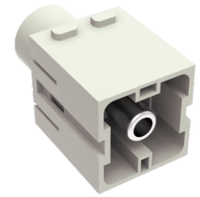


Type	Marking	Description
DF24B-UA-00A(H)	A-F	For 6 modules
DF24B-LA-00A(H)	a-f	For 6 modules

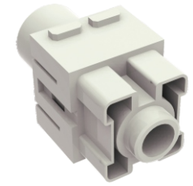
Dimension



D2MK-001 Axial Module 1000V 200A

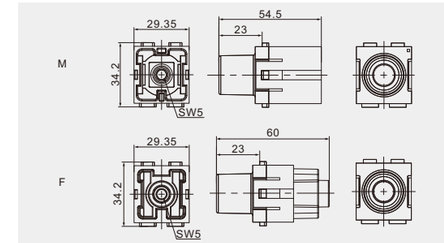


D2MK-001-M(25-40mm²)
D2MK-001-M(40-70mm²)



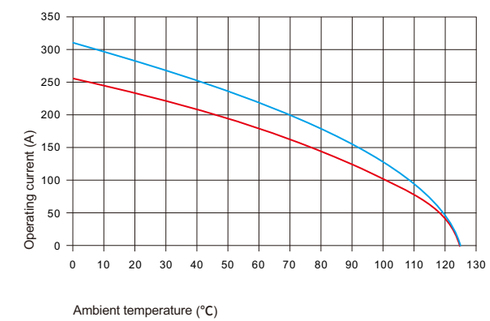
D2MK-001-F(25-40mm²)
D2MK-001-F(40-70mm²)

Dimension and hole site

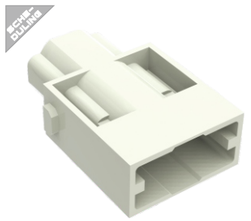


Technical characteristics

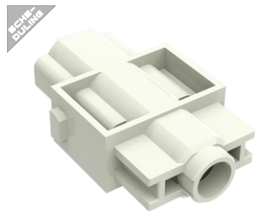
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	1
• Rated current	200A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc.to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.2m Ω
To IEC 60 228 Class 5	
Axial screw terminal	
• mm²	25-70mm²
• AWG	2-0
• Hexagonal Driver	SW5
• Stripping length	16mm
• Tightening torque	
• mm²	25 35 50 70
• Nm	8 8 9 10



DMK-001 Crimp Module 830V 100A

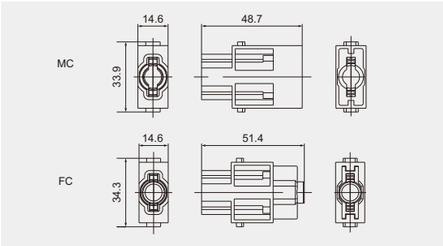


DMK-001-MC



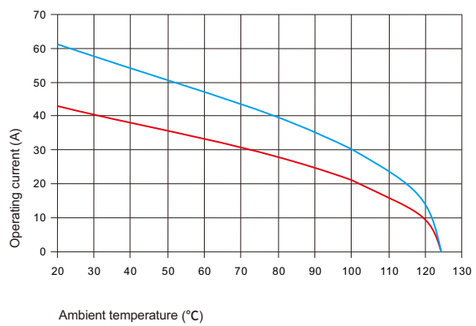
DMK-001-FC

Dimension and hole site



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	1
• Rated current	100A
• Rated voltage	830V
• Rated impulse voltage	8KV
• Pollution degree	3
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Crimp terminal	
• mm^2	10-35mm^2
• AWG	8-2



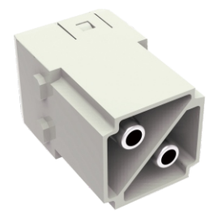
Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

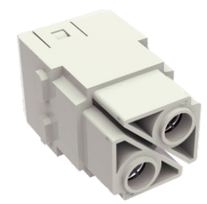
(100A) Crimp contacts
Material: Copper alloy
Contact resistance⩽0.3mΩ
Matching: DM,DK inserts
Surface: Silver plated
Terminal: Crimp connection

Contacts,silver-plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts		(mm^2)	(AWG)	
100A-SM-10	100A-SF-10	4.3	10	8	19mm
100A-SM-16	100A-SF-16	5.5	16	6	19mm
100A-SM-25	100A-SF-25	7.0	25	4	19mm
100A-SM-35	100A-SF-35	8.2	35	2	19mm

D2MK-002 Axial Module 1000V 100A

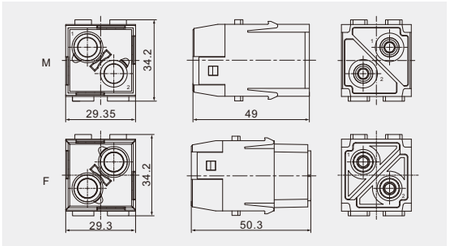


D2MK-002-M(10-25mm^2)
D2MK-002-M(16-35mm^2)



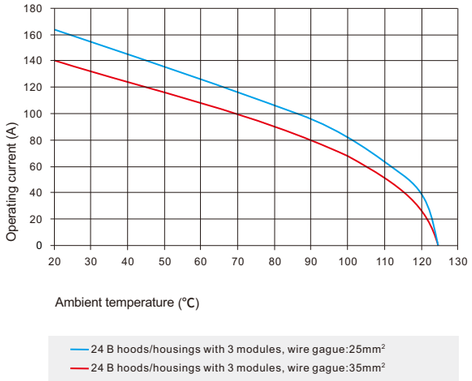
D2MK-002-F(10-25mm^2)
D2MK-002-F(16-35mm^2)

Dimension and hole site

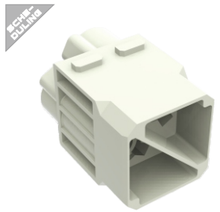


Technical characteristics

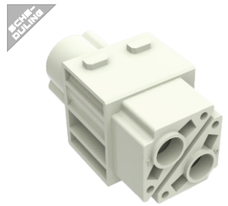
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
• Rated current	100A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc.to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
To IEC 60 228 Class 5	
Axial screw terminal	
• mm^2	10-35mm^2
• AWG	6-2
• Hexagonal Driver	SW4
• Stripping length	13mm
• Tightening torque	
• mm^2	10 16 25 35
• Nm	6 6 7 8



D2MK-002 Crimp Module 1000V 100A

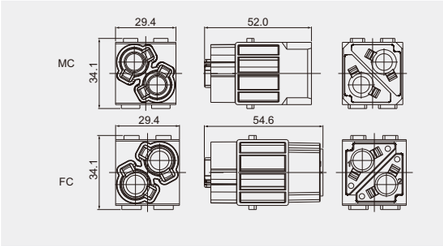


D2MK-002-MC



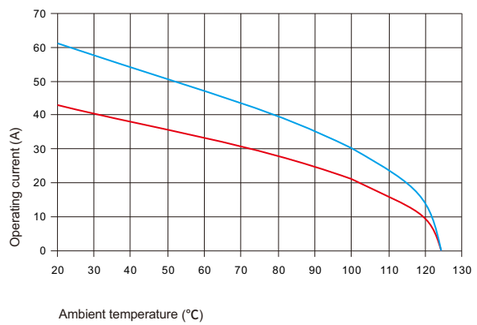
D2MK-002-FC

Dimension and hole site



Technical characteristics

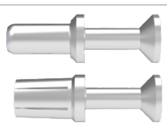
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
• Rated current	100A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Crimp terminal	
• mm^2	10-35mm^2
• AWG	8-2

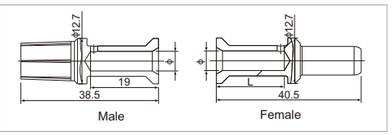


Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

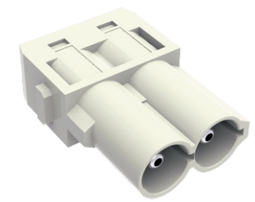
(100A) Crimp contacts
Material: Copper alloy
Contact resistance⩽0.3mΩ
Matching: DM,DK inserts
Surface: Silver plated
Terminal: Crimp connection



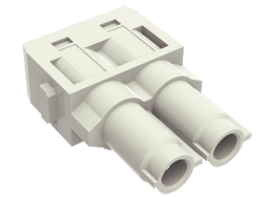


Contacts,silver-plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts		(mm^2)	(AWG)	
100A-SM-10	100A-SF-10	4.3	10	8	19mm
100A-SM-16	100A-SF-16	5.5	16	6	19mm
100A-SM-25	100A-SF-25	7.0	25	4	19mm
100A-SM-35	100A-SF-35	8.2	35	2	19mm

DMK7-002 Axial Module 1000V 70A

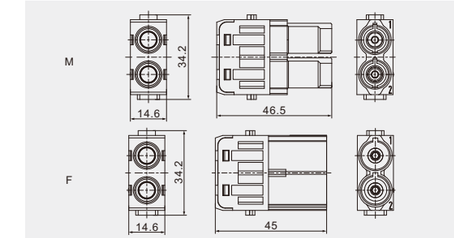


DMK7-002.1-M(6-16mm^2)
DMK7-002.2-M(14-22mm^2)



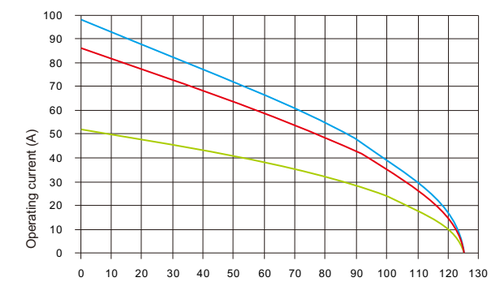
DMK7-002.1-F(6-16mm^2)
DMK7-002.2-F(14-22mm^2)

Dimension and hole site

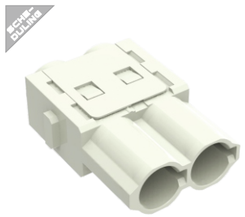


Technical characteristics

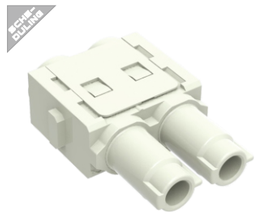
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
• Rated current	70A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc.to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.5m Ω
To IEC 60 228 Class 5	
Axial screw terminal	
• mm^2	6-22mm^2
• AWG	8-4
• Hexagonal Driver	SW2.5
• Stripping length	
• mm^2	6 10 16 22
• mm^2	11^{+1} 11^{+1} 11^{+1} 12.5^{+1}
• Tightening torque	
• mm^2	6 10 16 22
• Nm	2 3 4 5



DMK7-002 Crimp Module 1000V 70A

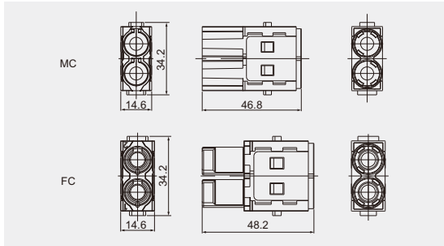


DMK7-002-MC



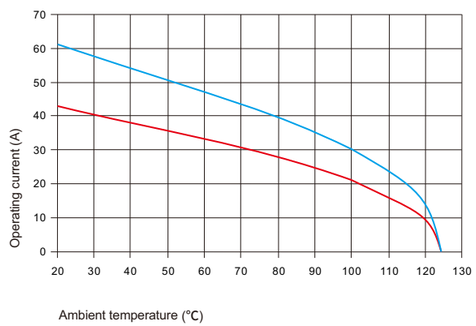
DMK7-002-FC

Dimension and hole site



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
• Rated current	70A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.5m Ω
Crimp terminal	
• mm^2	10-25mm^2
• AWG	8-4



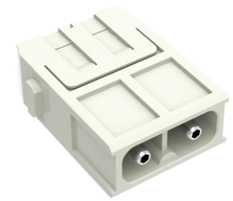
Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

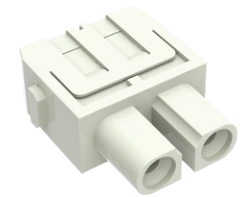
(70A) Crimp contacts
Material: Copper alloy
Contact resistance⩽0.5mΩ
Matching: DM inserts
Surface: Silver plated
Terminal: Crimp connection

Contacts,silver-plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts		(mm^2)	(AWG)	
70A-SM-10	70A-SF-10	4.3	10	8	15.5mm
70A-SM-16	70A-SF-16	5.5	16	6	15.5mm
70A-SM-25	70A-SF-25	7.0	25	4	15.5mm

DMK-002 Axial Module 1000V 40A

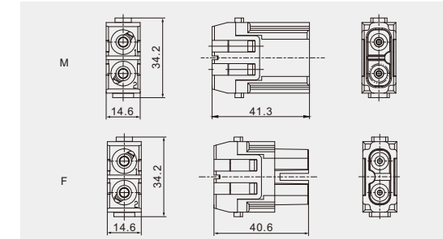


DMK-002.1-M(2.5-8mm^2)
DMK-002.2-M(6-10mm^2)



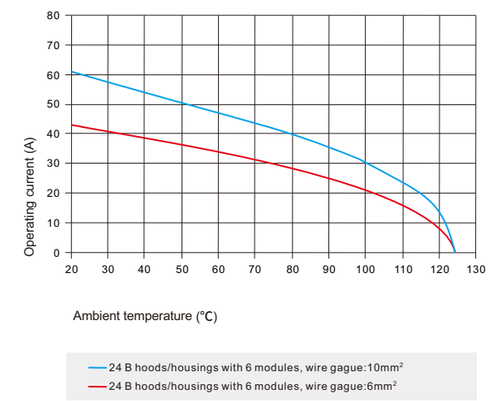
DMK-002.1-F(2.5-8mm^2)
DMK-002.2-F(6-10mm^2)

Dimension and hole site

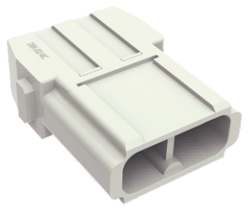


Technical characteristics

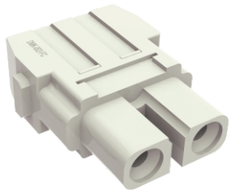
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
• Rated current	40A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc.to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.5m Ω
To IEC 60 228 Class 5	
Axial screw terminal	
• mm^2	2.5-10mm^2
• AWG	14-8
• Hexagonal Driver	SW2
• Stripping length	
• mm^2	2.5 4 6 10
• mm^2	5^{+1} 5^{+1} 8^{+1} 11^{+1}
• Tightening torque	
• mm^2	2.5 4 6 10
• Nm	1.5 1.5 2 2



DMK-002 Crimp Module 1000V 40A

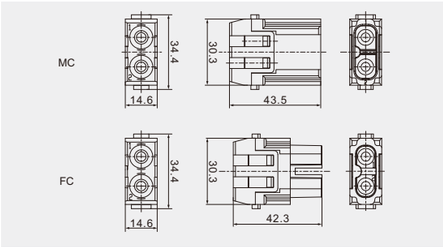


DMK-002-MC



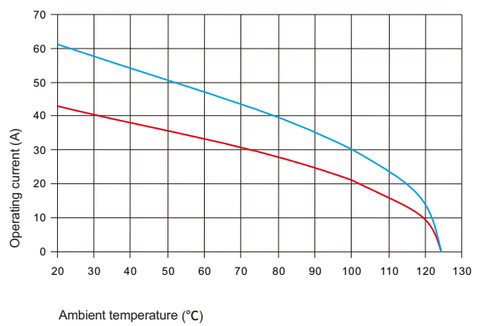
DMK-002-FC

Dimension and hole site



Technical characteristics

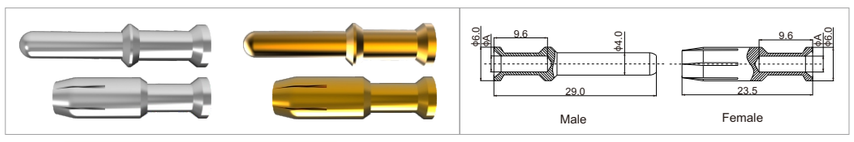
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
• Rated current	40A
• Rated voltage	1000V
• Rated impulse voltage	8KV
• Pollution degree	3
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Crimp terminal	
• mm^2	1.5-10mm^2
• AWG	16-8



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(40A) Crimp contacts
Material: Copper alloy
Contact resistance⩽0.3mΩ
Matching: DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
40A-SM-1.5	40A-SF-1.5	40A-GM-1.5	40A-GF-1.5	1.75	1.50	16	9.0mm
40A-SM-2.5	40A-SF-2.5	40A-GM-2.5	40A-GF-2.5	2.25	2.50	14	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	2.85	4.0	12	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	3.50	6.0	10	9.5mm

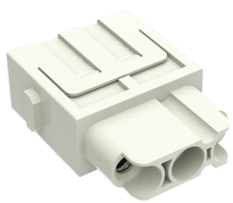
Tools

Crimping tool
Wire gauge : 0.5~4.0mm^2 (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 40A 40A Crimp contacts
Type : RT-40A

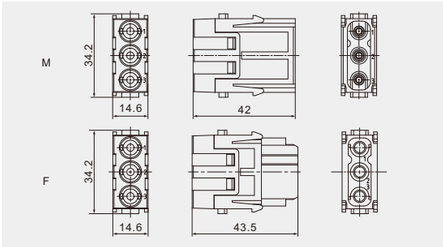
DMK-003 Axial Module 690V 40A

DMK-003.1-M(2.5-8mm^2)
DMK-003.2-M(6-10mm^2)



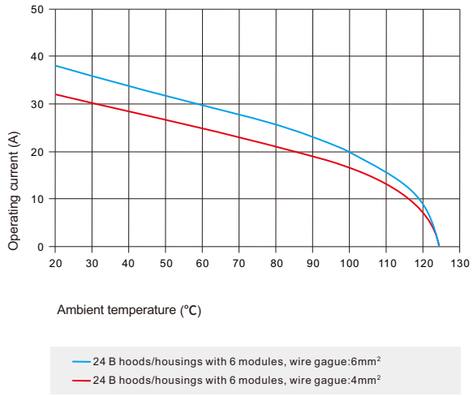
DMK-003.1-F(2.5-8mm^2)
DMK-003.2-F(6-10mm^2)

Dimension and hole site

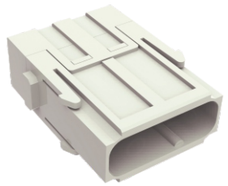


Technical characteristics

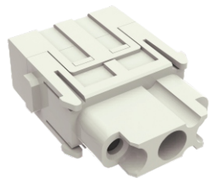
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	3
• Rated current	40A
• Rated voltage	690V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc.to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
To IEC 60 228 Class 5	
Axial screw terminal	
• mm^2	2.5-10mm^2
• AWG	14-8
• Hexagonal Driver	SW2
• Stripping length	
• mm^2	2.5 4 6 10
• mm^2	5^{+1} 5^{+1} 8^{+1} 11^{+1}
• Tightening torque	
• mm^2	2.5 4 6 10
• Nm	1.5 1.5 2 2



DMK-003 Crimp Module 500V 40A

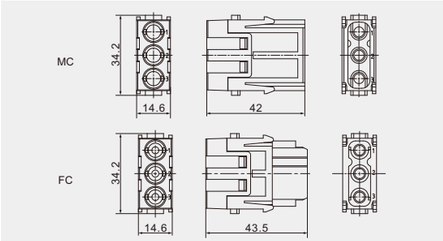


DMK-003-MC



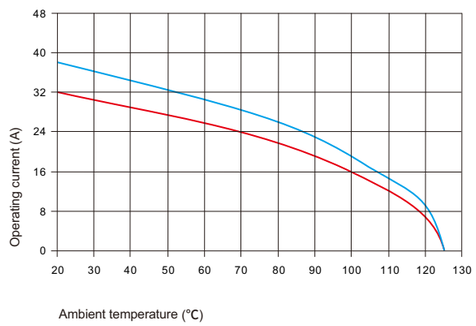
DMK-003-FC

Dimension and hole site



Technical characteristics

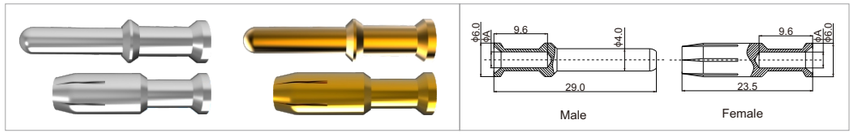
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	3
• Rated current	40A
• Rated voltage	500V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc. to UL CSA	600V
Rated current acc. to UL CSA	32A
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Crimp terminal	
• mm^2	1.5-10mm^2
• AWG	16-8



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(40A) Crimp contacts
Material: Copper alloy
Contact resistance⩽0.3mΩ
Matching: DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



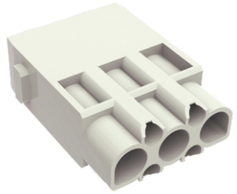
Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
40A-SM-1.5	40A-SF-1.5	40A-GM-1.5	40A-GF-1.5	1.75	1.50	16	9.0mm
40A-SM-2.5	40A-SF-2.5	40A-GM-2.5	40A-GF-2.5	2.25	2.50	14	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	2.85	4.0	12	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	3.50	6.0	10	9.5mm

Tools

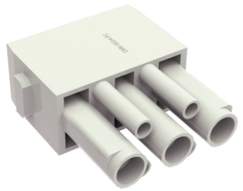
Crimping tool
Wire gauge : 0.5~4.0mm^2 (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 40A 40A Crimp contacts
Type : RT-40A

DMK-003/4 Crimp Module 830/830V 40/10A

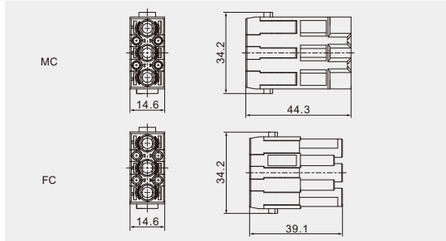


DMK-003/4-MC



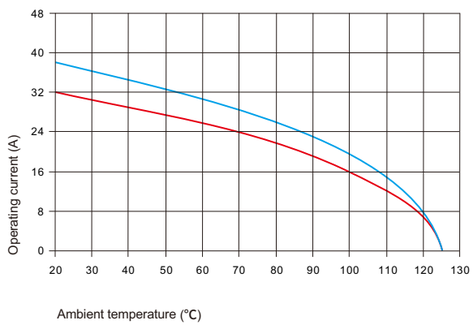
DMK-003/4-FC

Dimension and hole site



Technical characteristics

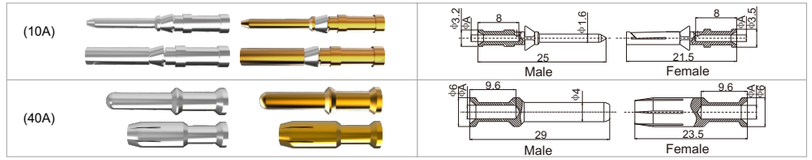
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	3/4
Power Area/Signal Area	
• Rated current	40A/10A
• Rated voltage	830V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc.to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated Hard-gold plated
Contact resistance	
• Power Contacts	⩽ 0.3m Ω
• Signal Contacts	⩽ 3m Ω
Crimp termina	
• mm^2/AWG	
• Power Contacts	1.5-6mm^2/16-10
• Signal Contacts	0.14-2.5mm^2/26-14
Max.insulation diameter	
• Power Contacts	5mm



Accessories

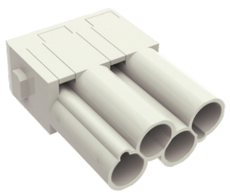
When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A/40A) Crimp contacts
Material: Copper alloy
(10A) Contact resistance ⩽ 3m Ω
Matching:DD,DDD,DM,DK,DQ inserts
(40A) Contact resistance ⩽ 3m Ω
Matching:DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)		Wire gauge				Recommended stripping length	
Male Contacts	Female Contacts	Male Contacts	Female Contacts	10A	40A	10A(mm^2)	40A(mm^2)	10A(AWG)	40A(AWG)	10A	40A
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	--	0.14-0.37	--	26-22	--	8mm	--
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	--	0.50	--	20	--	8mm	--
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	--	0.75	--	18	--	8mm	--
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	--	1.00	--	18	--	8mm	--
10A/40A-SM-1.5	10A/40A-SF-1.5	10A/40A-GM-1.5	10A/40A-GF-1.5	1.75	1.75	1.50	1.50	16	16	8mm	9.0mm
10A/40A-SM-2.5	10A/40A-SF-2.5	10A/40A-GM-2.5	10A/40A-GF-2.5	2.25	2.25	2.50	2.50	14	14	6mm	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	--	2.85	--	4.0	--	12	--	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	--	3.50	--	6.0	--	10	--	9.5mm

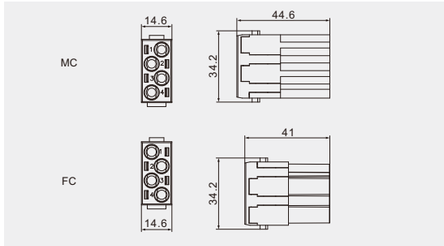
DMK-004 Crimp Module 830V 40A



DMK-004-MC

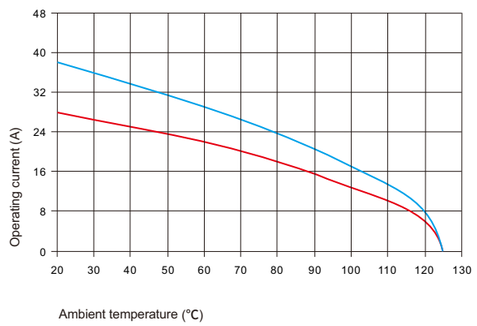
DMK-004-FC

Dimension and hole site



Technical characteristics

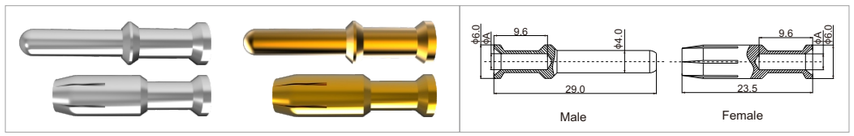
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	4
• Rated current	40A
• Rated voltage	830V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 0.3m Ω
Crimp terminal	
• mm^2	1.5-6mm^2
• AWG	16-10



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(40A) Crimp contacts
Material: Copper alloy
Contact resistance⩽0.3mΩ
Matching: DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



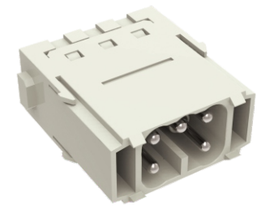
Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
40A-SM-1.5	40A-SF-1.5	40A-GM-1.5	40A-GF-1.5	1.75	1.50	16	9.0mm
40A-SM-2.5	40A-SF-2.5	40A-GM-2.5	40A-GF-2.5	2.25	2.50	14	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	2.85	4.0	12	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	3.50	6.0	10	9.5mm

Tools

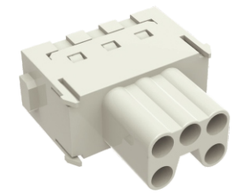
Crimping tool
Wire gauge : 0.5~4.0mm^2（AWG 20-12）
Type : TL1-4.0

Removal tool
For: 40A 40A Crimp contacts
Type : RT-40A

DME-005 Cage-clamp Module 400V 16A

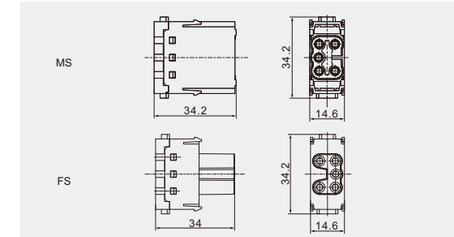


DME-005-MS



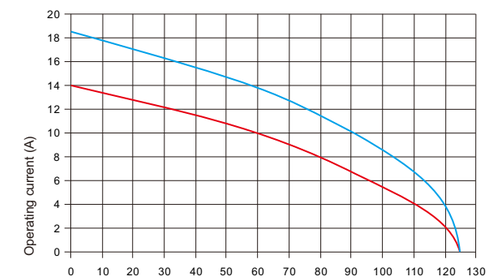
DME-005-FS

Dimension and hole site

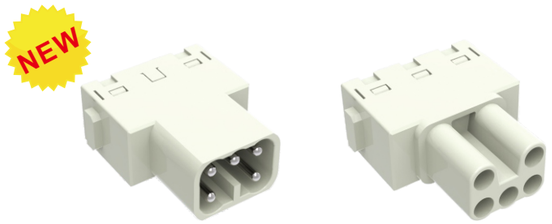


Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	5
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc. to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 3m Ω
Spring-cage terminal	
• mm^2	0.14-2.5mm^2
• AWG	26-14

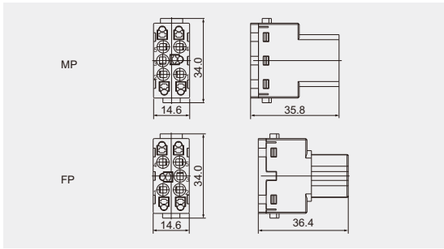


DME-005 Push-in Module 400V 16A



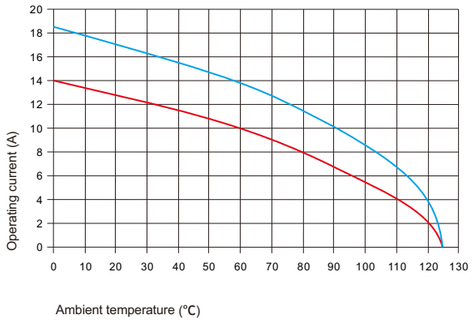
DME-005-MP-Z1-00A(H) DME-005-FP-Z1-00A(H)

Dimension and hole site

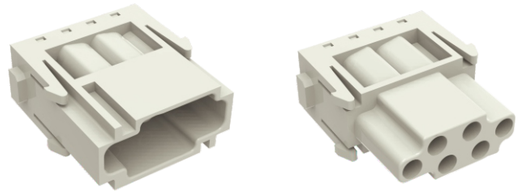


Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	5
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc. to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 3m Ω
Push-in terminal	
• mm^2	0.5-2.5mm^2
• AWG	20-14

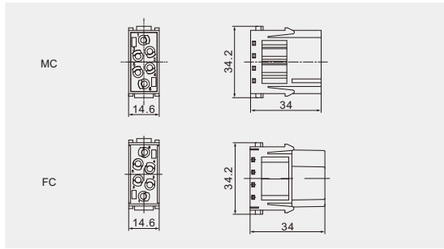


DME-006 Crimp Module 500V 16A



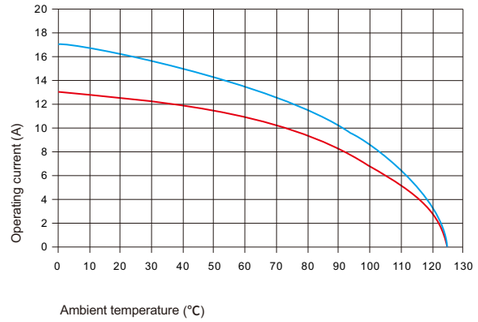
DME-006-MC DME-006-FC

Dimension and hole site



Technical characteristics

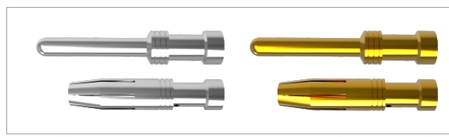
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	6
• Rated current	16A
• Rated voltage	500V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc. to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• mm^2/AWG	0.14-4mm^2/26-12

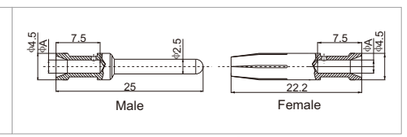


Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance⩽1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection





Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm^2 (AWG 20-12)
Type : TL1-4.0

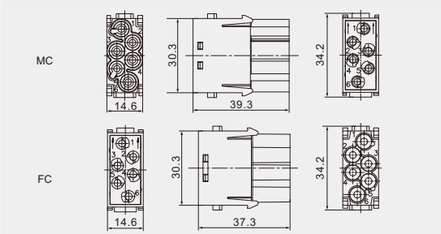
Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DVME-006 Crimp Module 500V 16A

DVME-006-MC

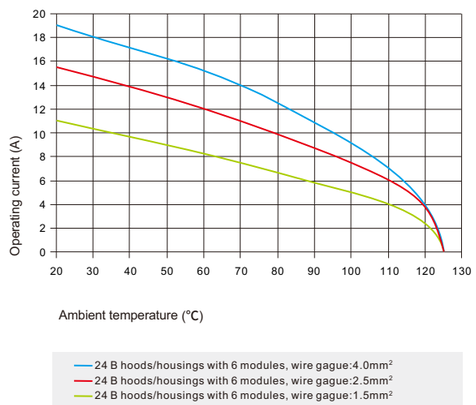
DVME-006-FC

Dimension and hole site



Technical characteristics

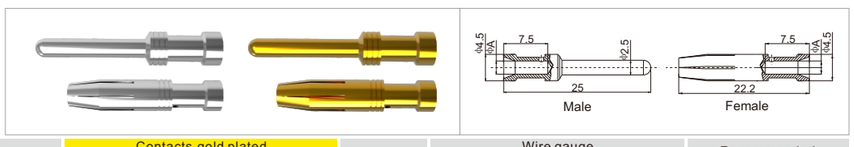
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	6
• Rated current	16A
• Rated voltage	830V
• Rated impulse voltage	8KV
• Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver/gold plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• mm^2/AWG	0.14-4mm^2/26-12



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance⩽1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



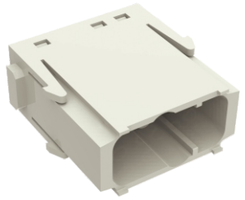
Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm^2（AWG 20-12）
Type : TL1-4.0

Removal tool
For: 16A 冷压针 16A Crimp contacts
Type : RT-16A

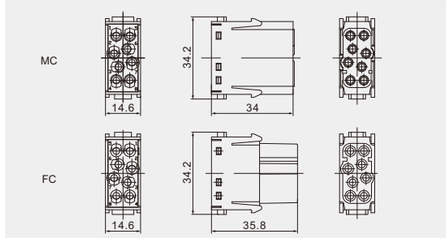
DMEE-008 Crimp Module 400V 16A



DMEE-008-MC

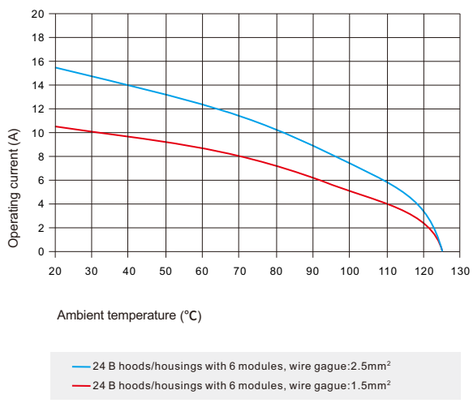
DMEE-008-FC

Dimension and hole site



Technical characteristics

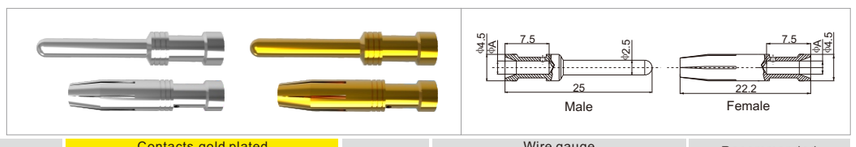
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	8
• Rated current	16A
• Rated voltage	400V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc. to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver/gold plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• mm^2/AWG	0.14-4mm^2/26-12



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance⩽1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



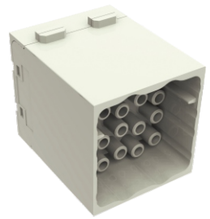
Contacts,silver-plated		Contacts,gold plated		(Φ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

Crimping tool
Wire gauge : 0.5~4.0mm^2（AWG 20-12）
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

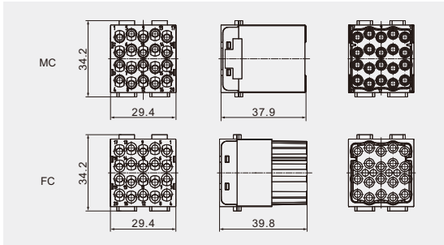
DMEE-020 Crimp Module 500V 16A



DMEE-020-MC

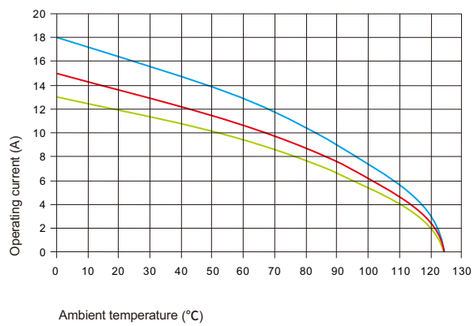
DMEE-020-FC

Dimension and hole site



Technical characteristics

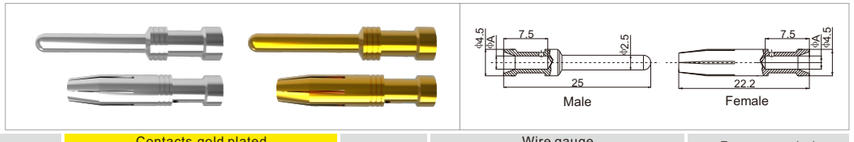
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	20
• Rated current	16A
• Rated voltage	500V
• Rated impulse voltage	6KV
• Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver/gold plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• mm^2/AWG	0.14-4mm^2/26-12



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts
Material: Copper alloy
Contact resistance⩽1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



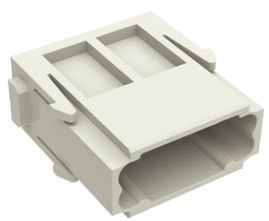
Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Tools

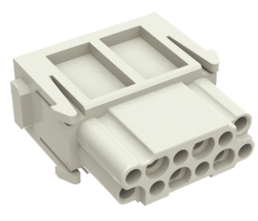
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 16A 16A Crimp contacts
Type : RT-16A

DMD-012 Crimp Module 250V 10A

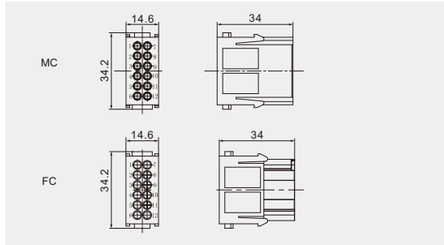


DMD-012-MC



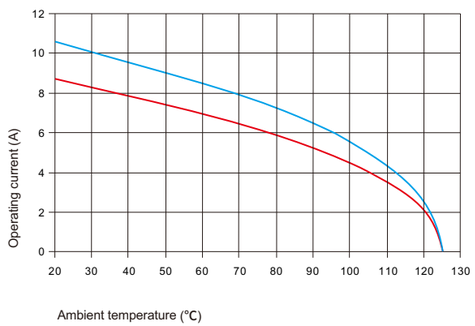
DMD-012-FC

Dimension and hole site



Technical characteristics

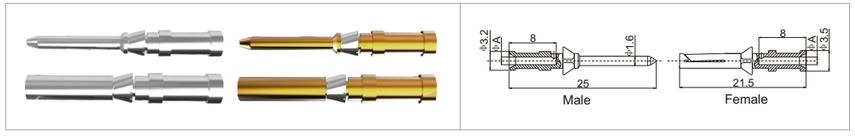
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	12
• Rated current	10A
• Rated voltage	250V
• Rated impulse voltage	4KV
• Pollution degree	3
Rated voltage acc. to UL CSA	600V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver/gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2/AWG	0.14-2.5mm^2/26-14



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance⩽3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



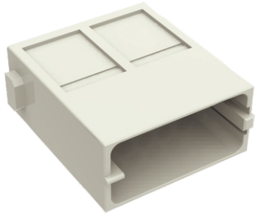
Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

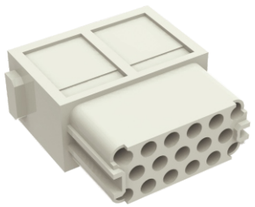
Crimping tool
Wire gauge : 0.5~4.0mm² (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A 10A Crimp contacts
Type : RT-10A

DMD-017 Crimp Module 160V 10A

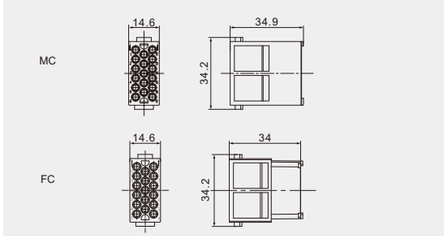


DMD-017-MC



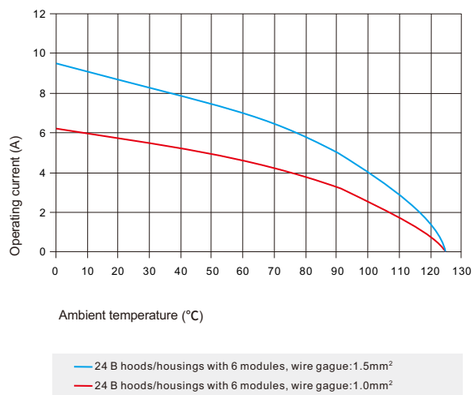
DMD-017-FC

Dimension and hole site



Technical characteristics

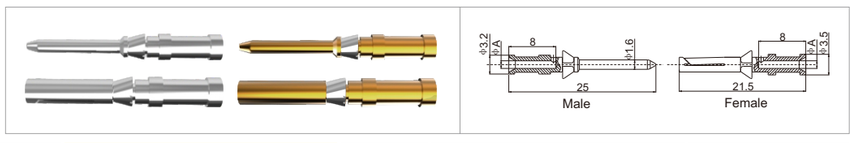
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	17
• Rated current	10A
• Rated voltage	160V
• Rated impulse voltage	2.5KV
• Pollution degree	3
Rated voltage acc. to UL	250V
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver/gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2/AWG	0.14-2.5mm^2/26-14



Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts
Material: Copper alloy
Contact resistance⩽3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



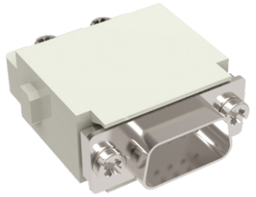
Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Tools

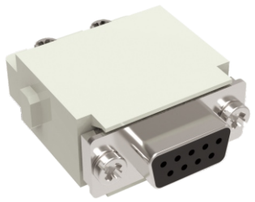
Crimping tool
Wire gauge : 0.5~4.0mm^2 (AWG 20-12)
Type : TL1-4.0

Removal tool
For: 10A冷压针 10A Crimp contacts
Type : RT-10A

DKE-009 D-Sub Module 50V 5A

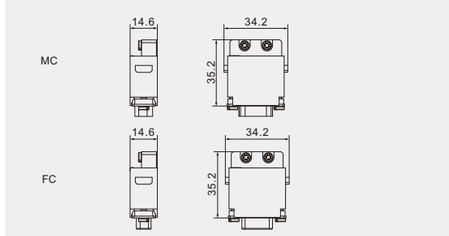


DKE-009-MC



DKE-009-FC

Dimension and hole site



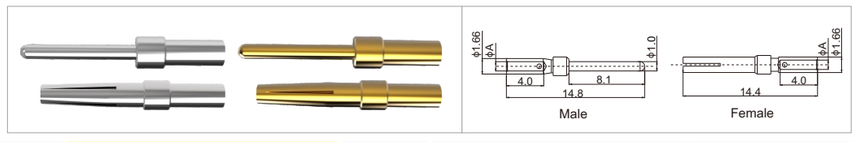
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	9
• Rated current	5A
• Rated voltage	50V
• Rated impulse voltage	0.8KV
• Pollution degree	3
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated Hard-gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2	0.09-0.82mm^2
• AWG	28-18

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

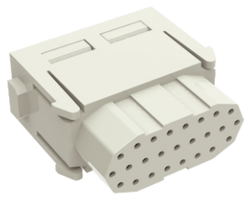
(5A) Crimp contacts
Material: Copper alloy
Contact resistance⩽3mΩ
Matching: DM inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
5A-SM-0.25	5A-SF-0.25	5A-GM-0.25	5A-GF-0.25	0.64	0.09-0.25	28-24	5mm
5A-SM-0.33	5A-SF-0.33	5A-GM-0.33	5A-GF-0.33	0.9	0.25-0.33	24-22	5mm
5A-SM-0.52	5A-SF-0.52	5A-GM-0.52	5A-GF-0.52	1.12	0.33-0.52	22-20	5mm

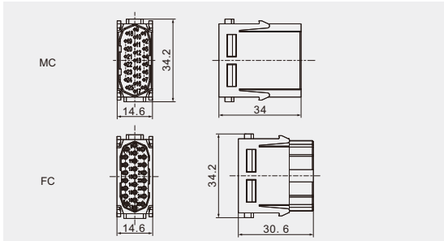
DMD-025 50V 4A

DMD-025-MC



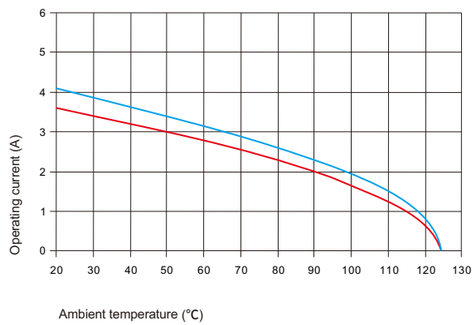
DMD-025-FC

Dimension and hole site



Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	25
• Rated current	4A
• Rated voltage	50V
• Rated impulse voltage	0.8KV
• Pollution degree	3
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper alloy
Surface	Hard-silver plated Hard-gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2	0.09-0.52mm^2
• AWG	28-20

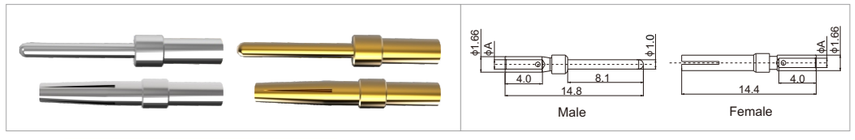


— 24 B hoods/housings with 6 modules, wire gague:0.5mm^2 (turned contacts)
— 24 B hoods/housings with 6 modules, wire gague:0.5mm^2(stamped contacts)

Accessories

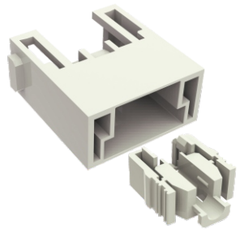
When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(5A) Crimp contacts
Material: Copper alloy
Contact resistance⩽3mΩ
Matching: DM inserts
Surface: Gold/silver plated
Terminal: Crimp connection

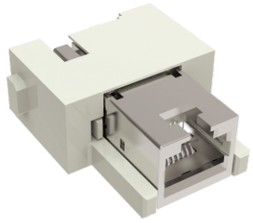


Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
5A-SM-0.25	5A-SF-0.25	5A-GM-0.25	5A-GF-0.25	0.64	0.09-0.25	28-24	5mm
5A-SM-0.33	5A-SF-0.33	5A-GM-0.33	5A-GF-0.33	0.9	0.25-0.33	24-22	5mm
5A-SM-0.52	5A-SF-0.52	5A-GM-0.52	5A-GF-0.52	1.12	0.33-0.52	22-20	5mm

DM-RJ45 Module 50V 1A

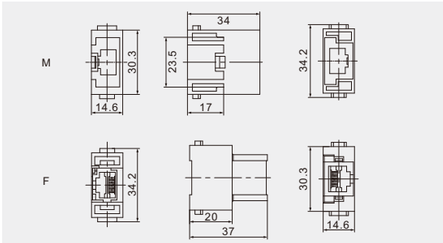


DM-RJ45-M



DM-RJ45-F

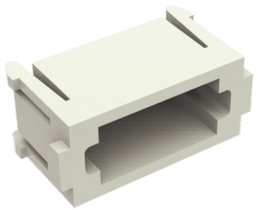
Dimension and hole site



Technical characteristics

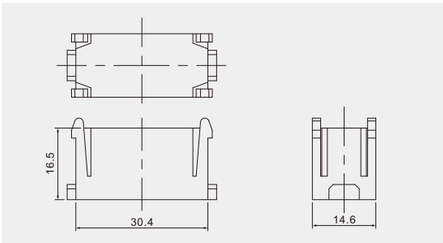
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	8
• Rated current	1A
• Rated voltage	50V
• Rated impulse voltage	0.8KV
• Pollution degree	3
Rated voltage acc. to UL	＜30V
Transmission characteristics	Category 5/Class E up to 100 MHz
• Basis	ISO/IEC 24 702 ISO/IEC 11 801
Transmission rate	10/100/1000 Mbit/s
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+ 85 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500

DM-000 Module



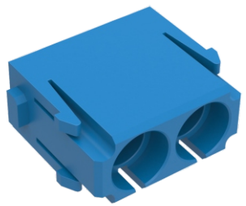
DM-000

Dimension and hole site



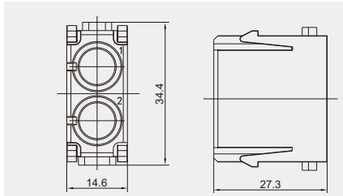
Pneumatic module

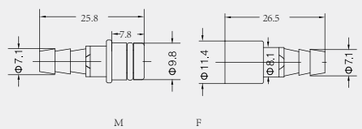
NEW

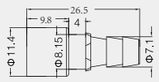


DMP-002

Dimension and hole site



Pneumatic contacts for tubeinternal diameter(ID)	Description	Category	ID	P/N	Dimension and hole site
	Without shut off	Male	6.0mm	DPCM-6.0	
	Without shut off	Female	6.0mm	DPCF-6.0	

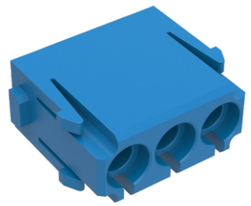
Pneumatic contacts for tubeinternal diameter(ID)	Description	Category	ID	P/N	Dimension and hole site
	With shut off	Female	6.0mm	DPCFS-6.0	

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	2
Material	Polycarbonate
Limiting temperatures	
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Polyformaldehyde
Colour	Black
Tube termination	
• Internal diameter(ID)	6.0mm/1/4"
Working pressure	Up to 8 bar/116 psi
Sealing	
• Material	NBR
Shut off valve	
• Material	Polyformaldehyde

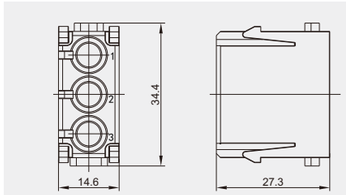
Pneumatic module

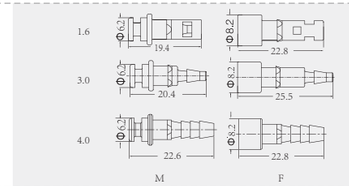
NEW

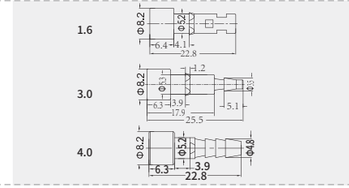


DMP-003

Dimension and hole site



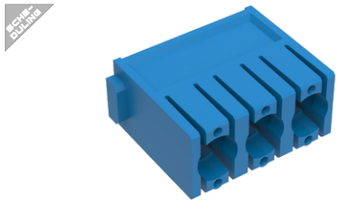
Pneumatic contacts for tubeinternal diameter(ID)	Description	Category	ID	P/N	Dimension and hole site
	Without shut off	Male	1.6mm 3.0mm 4.0mm	DPCM-1.6 DPCM-3.0 DPCM-4.0	
	Without shut off	Female	1.6mm 3.0mm 4.0mm	DPCF-1.6 DPCF-3.0 DPCF-4.0	

Pneumatic contacts for tubeinternal diameter(ID)	Description	Category	ID	P/N	Dimension and hole site
	With shut off	Female	1.6mm 3.0mm 4.0mm	DPCFS-1.6 DPCFS-3.0 DPCFS-4.0	

Technical characteristics

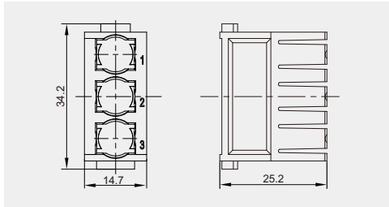
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	3
Material	Polycarbonate
Limiting temperatures	
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Polyformaldehyde
Colour	Black
Tube termination	
• Internal diameter(ID)	1.6mm/3.0mm/4.0mm
Working pressure	Up to 8 bar/116 psi
Sealing	
• Material	FPM
Shut off valve	
• Material	Polyformaldehyde

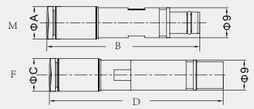
Metal pneumatic module



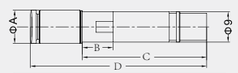
DMP-003-V2

Dimension and hole site



Pneumatic contacts for tubeinternal diameter(ID)	Description	Category	ID	P/N	Dimension and hole site
	Without shut off	Male	3.0mm 4.0mm 6.0mm	DMPCM-OD3.0 DMPCM-OD4.0 DMPCM-OD6.0	
	Without shut off	Female	3.0mm 4.0mm 6.0mm	DMPCF-OD3.0 DMPCF-OD4.0 DMPCF-OD6.0	

OD	ΦA	B	ΦC	D
3.0	8	43.7	8	48
4.0	9.8	43.9	9.8	50.2
6.0	9.8	45.9	9.8	52.2

Pneumatic contacts for tubeinternal diameter(ID)	Description	Category	ID	P/N	Dimension and hole site
	With shut off	Female	3.0mm 4.0mm 6.0mm	DMPCFS-OD3.0 DMPCFS-OD4.0 DMPCFS-OD6.0	

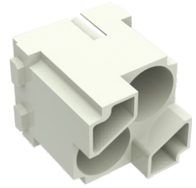
OD	ΦA	B	C	D
3.0	8	7.1	34.8	48
4.0	9.8	7.1	36.8	50.2
6.0	9.8	9.1	36.8	52.2

Technical characteristics

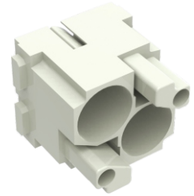
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	3
Material	Polycarbonate
Limiting temperatures	
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Material	Copper Nickel plated
Tube termination	
• Internal diameter(ID)	3.0mm/4.0mm/6.0mm
Working pressure	Up to 10 bar/116 psi
Sealing	
• Material	FPM
Shut off valve	
• Material	Polyformaldehyde

Q-Coax module

NEW



D2M-002-M



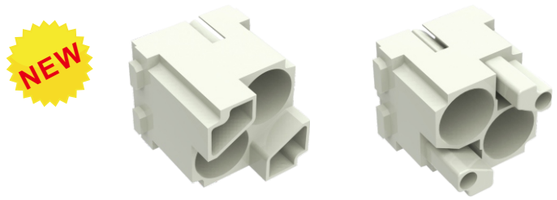
D2M-002-F

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	1,2
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Number of contacts	4/8+Shield
Electrical data acc.to EN 61 984	10A 50V 0.8kV 3 5A 50V 0.8kV 3
Rated current	10/5A
Rated voltage	50V
Rated impulse voltage	0.8KV
Pollution degree	3
Material	
• Insulator	Polycarbonate
• Conductors	Zinc alloy
Contact resistance	⩽ 4m Ω
Limiting temperatures	-40 ℃ ~+85 ℃
Flammability acc.to UL94	V0
Cable diameter	3-9. 5mm
Contacts	
Material	Copper alloy
Surface	Gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2/AWG	0.09-0.52mm^2/28-20
Contacts	
Material	Copper alloy
Surface	Gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2/AWG	0.14-2.5mm^2/26-14

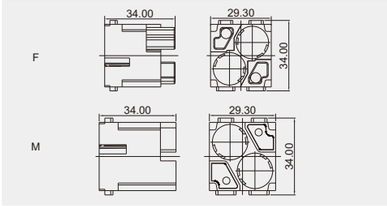
Q-Coax module

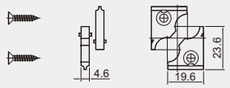
Crimp terminal

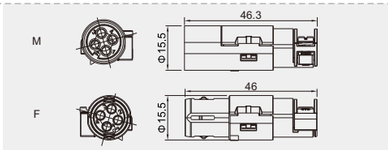


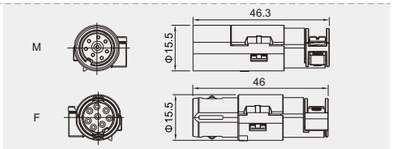
D2M-002-M D2M-002-F

Dimension and hole site



Q-Coax Adapter	Description	P/N	Dimension and hole site
		APT-D2MQ	

Q-Coax 4Contacts(10A)	Description	P/N	Dimension and hole site
	Male	EMC-004-MC	
	Female	EMC-004-FC	

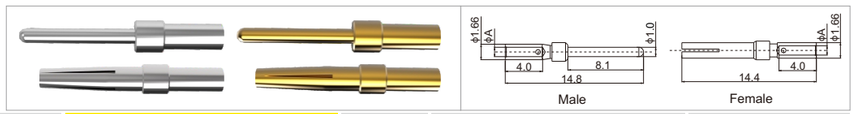
Q-Coax 8Contacts(5A)	Description	P/N	Dimension and hole site
	Male	EMC-008-MC	
	Female	EMC-008-FC	

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(5A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching: DM inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
5A-SM-0.25	5A-SF-0.25	5A-GM-0.25	5A-GF-0.25	0.64	0.09-0.25	28-24	5mm
5A-SM-0.33	5A-SF-0.33	5A-GM-0.33	5A-GF-0.33	0.9	0.25-0.33	24-22	5mm
5A-SM-0.52	5A-SF-0.52	5A-GM-0.52	5A-GF-0.52	1.12	0.33-0.52	22-20	5mm

(10A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching: DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

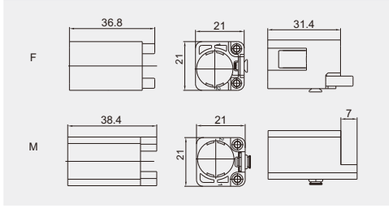
Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

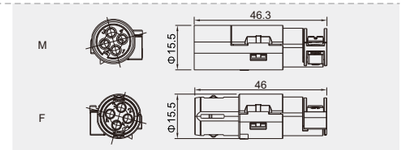
Q-Coax module

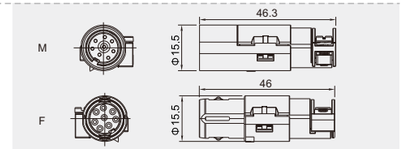
Crimp terminal

D3A-001-M D3A-001-F

Dimension and hole site



Q-Coax 4Contacts(10A)	Description	P/N	Dimension and hole site
	Male	EMC-004-MC	
	Female	EMC-004-FC	

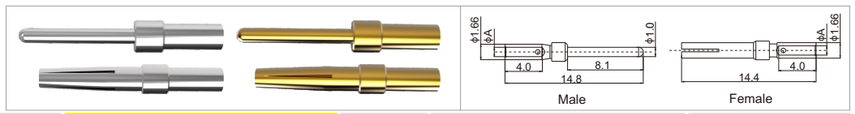
Q-Coax 8Contacts(5A)	Description	P/N	Dimension and hole site
	Male	EMC-008-MC	
	Female	EMC-008-FC	

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(5A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching: DM inserts
Surface: Gold/silver plated
Terminal: Crimp connection



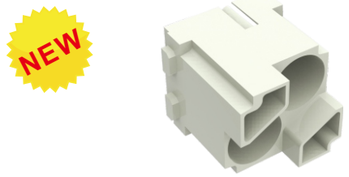
Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
5A-SM-0.25	5A-SF-0.25	5A-GM-0.25	5A-GF-0.25	0.64	0.09-0.25	28-24	5mm
5A-SM-0.33	5A-SF-0.33	5A-GM-0.33	5A-GF-0.33	0.9	0.25-0.33	24-22	5mm
5A-SM-0.52	5A-SF-0.52	5A-GM-0.52	5A-GF-0.52	1.12	0.33-0.52	22-20	5mm

(10A) Crimp contacts

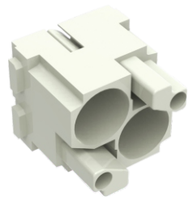
Material: Copper alloy
Contact resistance≤3mΩ
Matching: DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

Q-Coax module



D2M-002-M



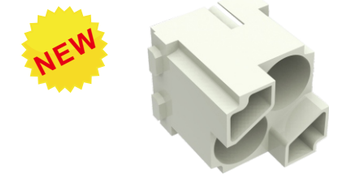
D2M-002-F

Technical characteristics

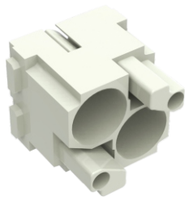
Specifications	DIN EN 60 664 DIN EN 61 984
Inserts	
Electrical data acc.to EN 61 984	
Number of contacts	1,2
Insulation resistance	⩾ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 ℃ ~+125 ℃
Flammability acc.to UL94	V0
Mechanical working life-mating cycles	⩾ 500
Contacts	
Number of contacts	1+Shield
Electrical data acc.to EN 61 984	10A 50V 0.8kV 3 16A 50V 0.8kV 3
Rated current	10/16A
Rated voltage	50V
Rated impulse voltage	0.8KV
Pollution degree	3
Material	
• Insulator	Polycarbonate
• Conductors	Zinc alloy
Contact resistance	⩽ 4m Ω
Limiting temperatures	-40 ℃ ~+85 ℃
Flammability acc.to UL94	V0
Cable diameter	3-9. 5mm
Contacts	
Material	Copper alloy
Surface	Gold plated
Contact resistance	⩽ 3m Ω
Crimp terminal	
• mm^2/AWG	0.14-2.5mm^2/26-14
Contacts	
Material	Copper alloy
Surface	Gold plated
Contact resistance	⩽ 1m Ω
Crimp terminal	
• mm^2/AWG	0.14-4mm^2/26-12

Q-Coax module

Crimp terminal

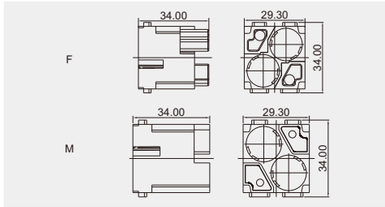


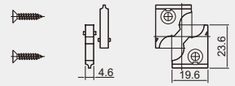
D2M-002-M

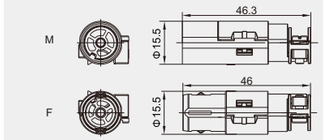


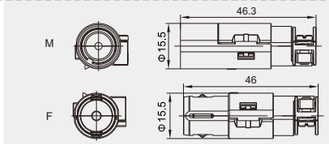
D2M-002-F

Dimension and hole site



Q-Coax Adapter	Description	P/N	Dimension and hole site
		APT-D2MQ	

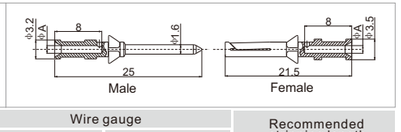
Q-Coax 1Contacts(10A)	Impedance	Description	P/N	Dimension and hole site
	75Ω	Male	EMC-001-MC	
		Female	EMC-001-FC	

Q-Coax 1Contacts(16A)	Impedance	Description	P/N	Dimension and hole site
	50Ω	Male	EMC-001-MC/E	
		Female	EMC-001-FC/E	

Accessories

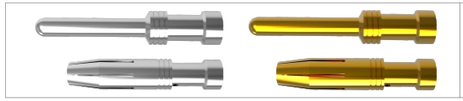
When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

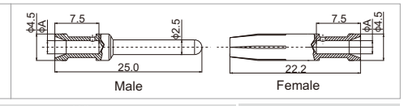
(10A) Crimp contacts
Material: Copper alloy
Contact resistance⩽3mΩ
Matching: DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

(16A) Crimp contacts
Material: Copper alloy
Contact resistance⩽1mΩ
Matching: DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection





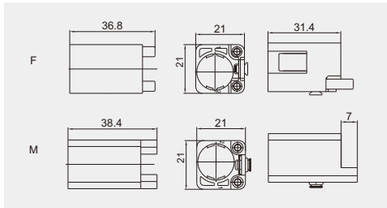
Contacts,silver-plated		Contacts,gold plated		(ΦA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm^2)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

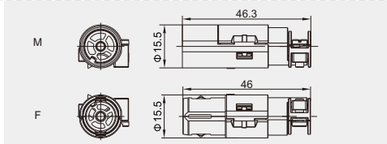
Q-Coax module

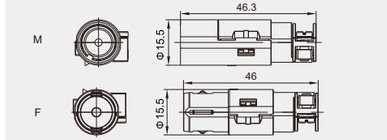
Crimp terminal

D3A-001-M D3A-001-F

Dimension and hole site



Q-Coax 1Contacts(10A)	Description	P/N	Dimension and hole site
	Male	EMC-001-MC	
	Female	EMC-001-FC	

Q-Coax 1Contacts(16A)	Description	P/N	Dimension and hole site
	Male	EMC-001-MC/E	
	Female	EMC-001-FC/E	

Accessories

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

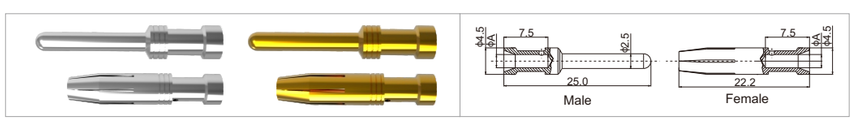
(10A) Crimp contacts

Material: Copper alloy
Contact resistance≤3mΩ
Matching: DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

(16A) Crimp contacts

Material: Copper alloy
Contact resistance≤1mΩ
Matching: DA,DE,DEE,DM,DKinserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕA)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

Hoods & Housings Feature

Size 3A

Plastic Hoods & Housings	
Material	Polycarbonate
Colour	Light grey(RAL7032)
Locking element Lever type Material	 Plastic elasttic pressing Polymide
Hoods / Housings seal	NBR
Limiting tempertures	-40~+125℃
Flammability acc to UI94	V0
Degree of protection acc. To DIN EN 60529 for coupled connector	IP65

Size 3A

Metal Hoods & Housings	
Material	Zinc die-cast
Colour	Grey(RAL7037)
Locking element Lever type Material	 Lever Metal zinc-plated
Hoods / Housings seal	NBR
Limiting tempertures	-40~+125℃
Flammability acc to UI94	V0
Degree of protection acc. To DIN EN 60529 for coupled connector	IP65

Standard Hoods & Housings（10A,16A,32A,6B,10B,16B,24B,32B,48B）	
Material	Aluminium die-cast
Colour	Grey(RAL7037)
Locking element Lever type Material Hoods / Housings seal	 Lever Metal zinc-plated NBR
Limiting tempertures Flammability acc to UI94	-40~+125℃ V0
Degree of protection acc. To DIN EN 60529 for coupled connector	IP65

Size DC

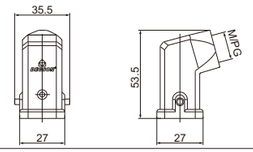
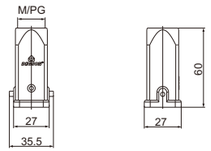
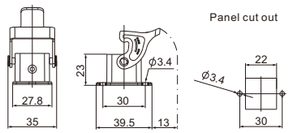
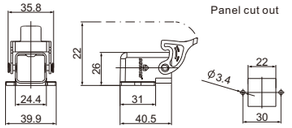
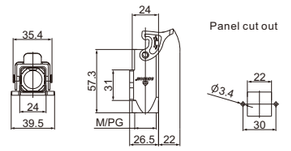
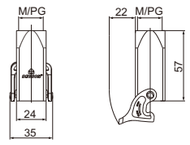
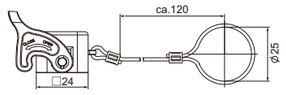
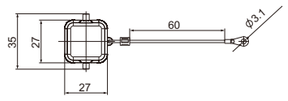
Plastic Hoods & Housings	
Material	Polycarbonate
Colour	Black(RAL9005)
Locking element Lever type Material	 Plastic elasttic pressing Polymide
Hoods / Housings seal	NBR
Limiting tempertures	-40~+125℃
Flammability acc to UI94	V0
Degree of protection acc. To DIN EN 60529 for coupled connector	IP65

Size DP

Metal Hoods & Housings	
Material	Aluminium die-cast
Colour	Black(RAL9005)
Locking element Lever type Material	 Bolted connection Stainless steel
Hoods / Housings seal	NBR
Limiting tempertures	-40~+125℃
Flammability acc to UI94	V0
Degree of protection acc. To DIN EN 60529 for coupled connector	IP68

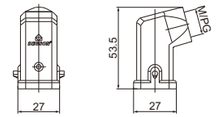
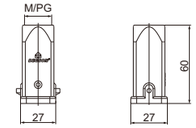
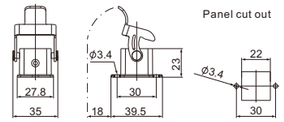
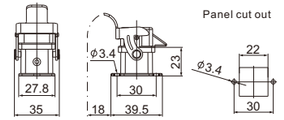
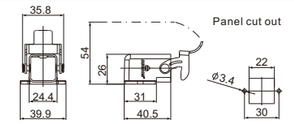
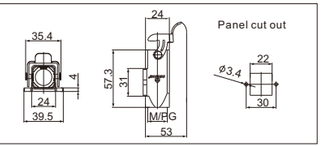
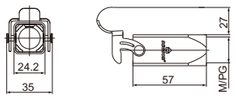
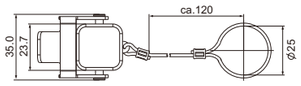
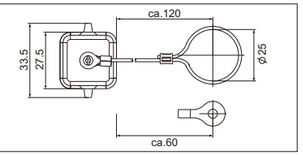
D3A Plastic Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D3A.P-SE-2g-M20 D3A.P-SE-2g-PG11	M20 PG11	
	Hoods, top entry	D3A.P-TE-2g-M20 D3A.P-TE-2g-PG11	M20 PG11	
	Housings, bulkhead mounting	D3A.P-BK-1L	--	
	Housings, bulkhead mounting	D3A.P-BK-1L-SE	--	
	Housings, surface mounting	D3A.P-SF-1L-M20 D3A.P-SF-1L-PG11	M20 PG11	
	Housings, cable to cable	D3A.P-CCT-1L-M20 D3A.P-CCT-1L-PG11	M20 PG11	
ECHO-DUKING	Protection	D3A-CV-1L/1M (for male insert) D3A-CV-1L/1F (for famale insert)	Connect way	
ECHO-DUKING	Protection	D3A-CV-2g/1M (for male insert) D3A-CV-2g/2M (for male insert) D3A-CV-2g/1F (for famale insert) D3A-CV-2g/2F (for famale insert)		

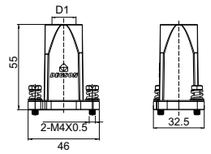
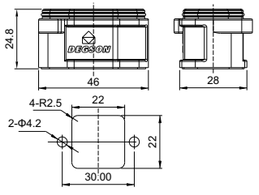
D3A Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	图纸 Drawing
	Hoods, side entry	D3A-SE-2g-M20 D3A-SE-2g-PG11 D3A-SE-2g-PG13.5	M20 PG11 PG13.5	
	Hoods, top entry	D3A-TE-2g-M20 D3A-TE-2g-PG11 D3A-TE-2g-PG13.5	M20 PG11 PG13.5	
	Housings, bulkhead mounting	D3A-BK-1L	--	
	Housings, bulkhead mounting	D3A-BK-1L-MCV	--	
	Housings, bulkhead mounting	D3A-BK-SE-1L	--	
	Housings, bulkhead mounting	D3A-SF-1L-M20 D3A-SF-1L-PG11 D3A-SF-1L-PG13.5	M20 PG11 PG13.5	
	Housings, cable to cable	D3A-CCT-1L-M20 D3A-CCT-1L-PG11 D3A-CCT-1L-PG13.5	M20 PG11 PG13.5	
ECHO-DUKING	Protection	D3A-MCV-1L/1M (for male insert) D3A-MCV-1L/1F (for famale insert)	Connect way	
ECHO-DUKING	Protection	D3A-MCV-2g/1M (for male insert) D3A-MCV-2g/2M (for male insert) D3A-MCV-2g/1F (for famale insert) D3A-MCV-2g/2F (for famale insert)		

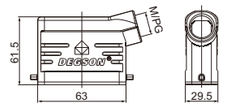
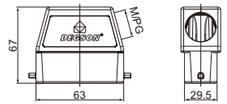
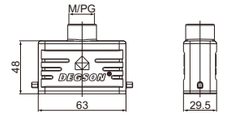
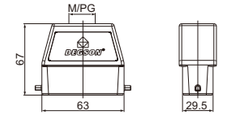
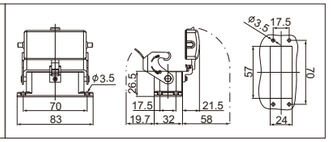
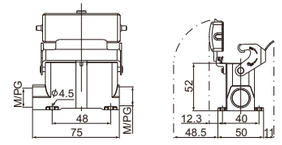
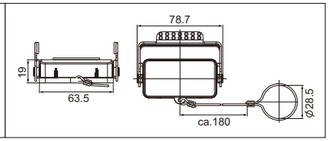
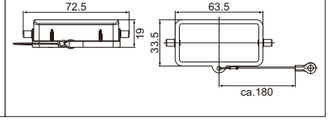
DP3A Metal Hoods & Housings

Degree of protection : IP68

Hoods & Housings	Description	Type	Thread	Drawing
NEW	Hoods, top entry	DP3A/H-TE-2S-M20-00A(H) DP3A/H-TE-2S-PG13.5-00A(H)	M20 PG13.5	
NEW	Housings, bulkhead mounting	DP3A/H-BK-2H-00A(H)	--	

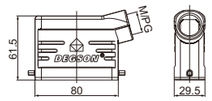
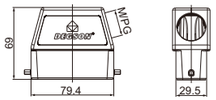
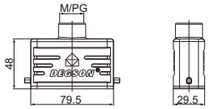
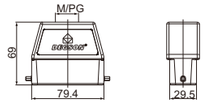
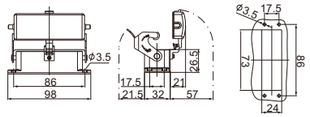
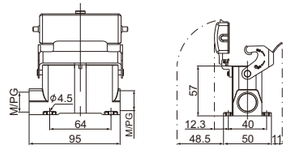
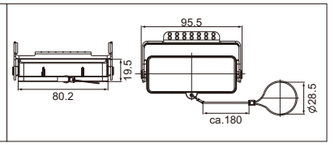
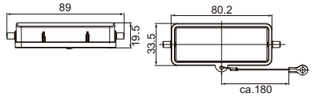
D10A Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D10A-SE-2g-M20 D10A-SE-2g-PG13.5 D10A-SE-2g-PG16	M20 PG13.5 PG16	
	Hoods, side entry, high construction	D10A-SEH-2g-M25 D10A-SEH-2g-PG16 D10A-SEH-2g-PG21	M25 PG16 PG21	
	Hoods, top entry	D10A-TE-2g-M20 D10A-TE-2g-PG13.5	M20 PG13.5	
	Hoods, top entry, high construction	D10A-TEH-2g-M25 D10A-TEH-2g-PG16 D10A-TEH-2g-PG21	M25 PG16 PG21 --	
	Housings, bulkhead mounting	D10A-BK-1L With plastic cover D10A-BK-1L-CV With metal cover D10A-BK-1L-MCV	-- --	
	Housings, surface mounting	D10A-SF-1L-M20 D10A-SF-1L-2M20 D10A-SF-1L-M25 D10A-SF-1L-PG16 D10A-SF-1L-2PG16 D10A-SF-1L-PG21 With plastic cover D10A-SF-1L-CV-M20 D10A-SF-1L-CV-2M20 D10A-SF-1L-CV-M25 D10A-SF-1L-CV-PG16 D10A-SF-1L-CV-2PG16 D10A-SF-1L-CV-PG21 With metal cover D10A-SF-1L-MCV-M20 D10A-SF-1L-MCV-2M20 D10A-SF-1L-MCV-M25 D10A-SF-1L-MCV-PG16 D10A-SF-1L-MCV-2PG16 D10A-SF-1L-MCV-PG21	M20 2 X M20 M25 PG16 2 X PG16 PG21 M20 2 X M20 M25 PG16 2 X PG16 PG21 M20 2 X M20 M25 PG16 2 X PG16 PG21	
SCHE-DULING	For hoods	D10A-MCV-1L/1S D10A-MCV-1L/2S	Connect way	
SCHE-DULING	For housings	D10A-MCV-2g/1S D10A-MCV-2g/2S	Connect way	

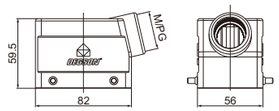
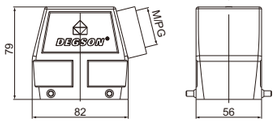
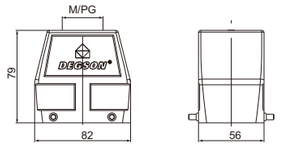
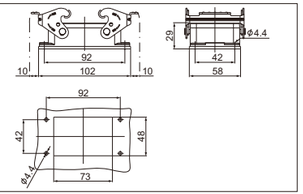
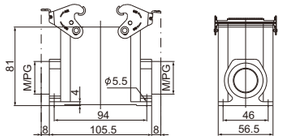
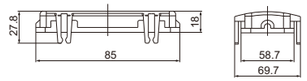
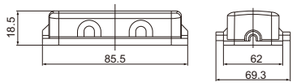
D16A Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D16A-SE-2g-M20 D16A-SE-2g-PG16	M20 PG16	
	Hoods, side entry, high construction	D16A-SEH-2g-M25 D16A-SEH-2g-PG16 D16A-SEH-2g-PG21	M25 PG16 PG21	
	Hoods, top entry	D16A-TE-2g-M20 D16A-TE-2g-PG16	M20 PG16	
	Hoods, top entry, high construction	D16A-TEH-2g-M25 D16A-TEH-2g-PG16 D16A-TEH-2g-PG21	M25 PG16 PG21	
	Housings, bulkhead mounting	D16A-BK-1L With plastic cover D16A-BK-1L-CV With metal cover D16A-BK-1L-MCV	-- -- --	
	Housings, surface mounting	D16A-SF-1L-M20 D16A-SF-1L-2M20 D16A-SF-1L-M25 D16A-SF-1L-2M25 D16A-SF-1L-PG16 D16A-SF-1L-2PG16 D16A-SF-1L-PG21 With plastic cover D16A-SF-1L-CV-M20 D16A-SF-1L-CV-2M20 D16A-SF-1L-CV-M25 D16A-SF-1L-CV-2M25 D16A-SF-1L-CV-PG16 D16A-SF-1L-CV-2PG16 D16A-SF-1L-CV-PG21 With metal cover D16A-SF-1L-MCV-M20 D16A-SF-1L-MCV-2M20 D16A-SF-1L-MCV-M25 D16A-SF-1L-MCV-2M25 D16A-SF-1L-MCV-PG16 D16A-SF-1L-MCV-2PG16 D16A-SF-1L-MCV-PG21	M20 2 x M20 M25 2 x M25 PG16 2 x PG16 PG21 M20 2 x M20 M25 2 x M25 PG16 2 x PG16 PG21 M20 2 x M20 M25 2 x M25 PG16 2 x PG16 PG21	
SCHE-DOKING	For hoods	D16A-MCV-1L/1S D16A-MCV-1L/2S	Connect way	
SCHE-DOKING	For housings	D16A-MCV-2g/1S D16A-MCV-2g/2S	Connect way	

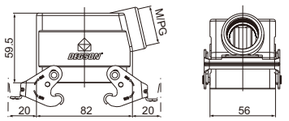
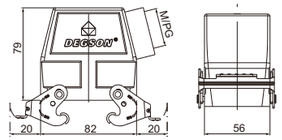
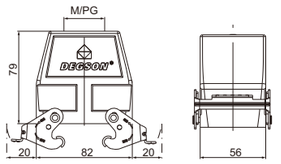
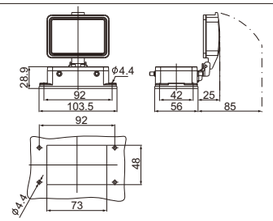
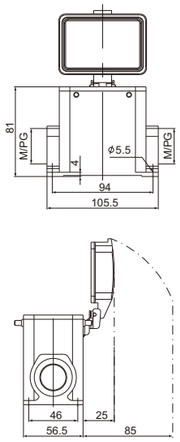
D32A Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D32A-SE-4g-M25 D32A-SE-4g-PG21	M25 PG21	
	Hoods, side entry, high construction	D32A-SEH-4g-M32 D32A-SEH-4g-PG21 D32A-SEH-4g-PG29	M32 PG21 PG29	
	Hoods, top entry, high construction	D32A-TEH-4g-M25 D32A-TEH-4g-M32 D32A-TEH-4g-PG21 D32A-TEH-4g-PG29	M25 M32 PG21 PG29	
	Housings, bulkhead mounting	D32A-BK-2L	--	
	Housings, surface mounting	D32A-SF-2L-M25 D32A-SF-2L-M32 D32A-SF-2L-2M32 D32A-SF-2L-PG21 D32A-SF-2L-2PG21 D32A-SF-2L-PG29 D32A-SF-2L-2PG29	M25 M32 2 x M32 PG21 2 x PG21 PG29 2 x PG29	
SCHE-DOKING	For hoods	D32A-CV-4C	--	
SCHE-DOKING	For cable to cable housings For housings	D32A-CV-4g/1S D32A-CV-4g/2S	Connect way	

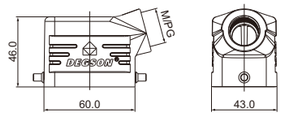
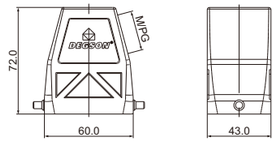
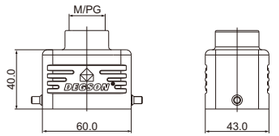
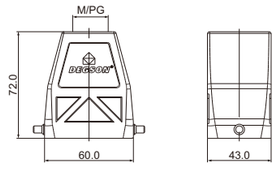
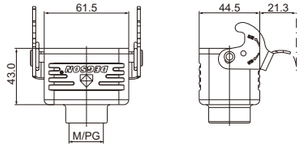
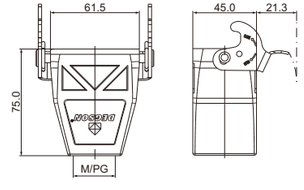
D32A Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D32A-SE-2L-M25 D32A-SE-2L-PG21	M25 PG21	
	Hoods, side entry, high construction	D32A-SEH-2L-M32 D32A-SEH-2L-PG21 D32A-SEH-2L-PG29	M32 PG21 PG29	
	Hoods, top entry, high construction	D32A-TEH-2L-M25 D32A-TEH-2L-M32 D32A-TEH-2L-PG21 D32A-TEH-2L-PG29	M25 M32 PG21 PG29	
	Housings, bulkhead mounting	D32A-BK-4g With plastic cover D32A-BK-4g-CV With metal cover D32A-BK-4g-MCV	-- -- --	
	Housings, surface mounting	D32A-SF-4g-M25 D32A-SF-4g-M32 D32A-SF-4g-2M32 D32A-SF-4g-PG21 D32A-SF-4g-2PG21 D32A-SF-4g-PG29 D32A-SF-4g-2PG29 With plastic cover D32A-SF-4g-CV-M25 D32A-SF-4g-CV-M32 D32A-SF-4g-CV-2M32 D32A-SF-4g-CV-PG21 D32A-SF-4g-CV-2PG21 D32A-SF-4g-CV-PG29 D32A-SF-4g-CV-2PG29 With metal cover D32A-SF-4g-MCV-M25 D32A-SF-4g-MCV-M32 D32A-SF-4g-MCV-2M32 D32A-SF-4g-MCV-PG21 D32A-SF-4g-MCV-2PG21 D32A-SF-4g-MCV-PG29 D32A-SF-4g-MCV-2PG29	M25 M32 2 x M32 PG21 2 x PG21 PG29 2 x PG29 M25 M32 2 x M32 PG21 2 x PG21 PG29 2 x PG29 M25 M32 2 x M32 PG21 2 x PG21 PG29 2 x PG29	

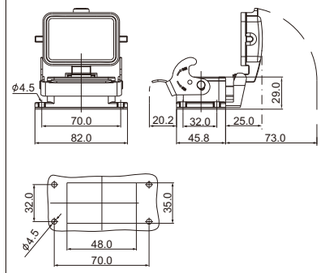
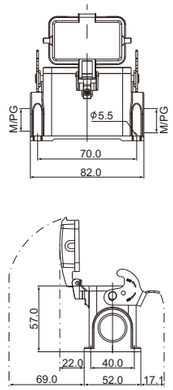
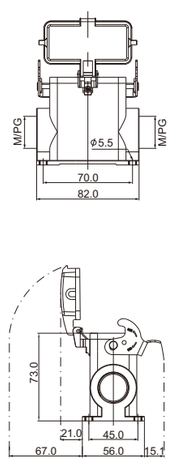
D6B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D6B-SE-2g-M20 D6B-SE-2g-M25 D6B-SE-2g-PG13.5 D6B-SE-2g-PG16	M20 M25 PG13.5 PG16	
	Hoods, side entry, high construction	D6B-SEH-2g-M25 D6B-SEH-2g-M32 D6B-SEH-2g-PG21 D6B-SEH-2g-PG29	M25 M32 PG21 PG29	
	Hoods, top entry	D6B-TE-2g-M20 D6B-TE-2g-PG13.5 D6B-TE-2g-PG16	M20 PG13.5 PG16	
	Hoods, top entry, high construction	D6B-TEH-2g-M25 D6B-TEH-2g-M32 D6B-TEH-2g-PG21	M25 M32 PG21	
	Housings, cable to cable	D6B-CCT-1L-M20 D6B-CCT-1L-PG13.5 D6B-CCT-1L-PG16	M20 PG13.5 PG16	
	Housings, cable to cable high construction	D6B-CCTH-1L-M25 D6B-CCTH-1L-M32 D6B-CCTH-1L-PG21	M25 M32 PG21	

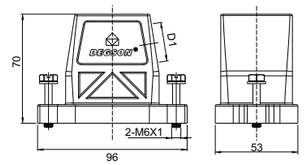
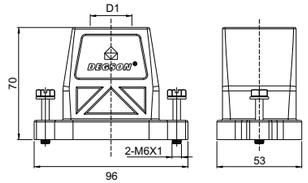
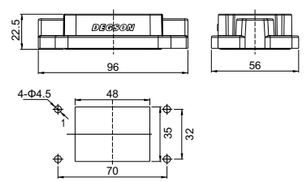
D6B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, bulkhead mounting	D6B-BK-1L With plastic cover D6B-BK-1L-CV With metal cover D6B-BK-1L-MCV	-- -- --	
	Housings, surface mounting	D6B-SF-1L-M20 D6B-SF-1L-2M20 D6B-SF-1L-M25 D6B-SF-1L-2M25 D6B-SF-1L-PG13.5 D6B-SF-1L-2PG13.5 D6B-SF-1L-PG16 D6B-SF-1L-2PG16 With plastic cover D6B-SF-1L-CV-M20 D6B-SF-1L-CV-2M20 D6B-SF-1L-CV-M25 D6B-SF-1L-CV-2M25 D6B-SF-1L-CV-PG13.5 D6B-SF-1L-CV-2PG13.5 D6B-SF-1L-CV-PG16 D6B-SF-1L-CV-2PG16 With metal cover D6B-SF-1L-MCV-M20 D6B-SF-1L-MCV-2M20 D6B-SF-1L-MCV-M25 D6B-SF-1L-MCV-2M25 D6B-SF-1L-MCV-PG13.5 D6B-SF-1L-MCV-2PG13.5 D6B-SF-1L-MCV-PG16 D6B-SF-1L-MCV-2PG16	M20 2M20 M25 2M25 PG13.5 2PG13.5 PG16 2PG16 M20 2M20 M25 2M25 PG13.5 2PG13.5 PG16 2PG16 M20 2M20 M25 2M25 PG13.5 2PG13.5 PG16 2PG16	
	Housings, surface mounting high construction	D6B-SFH-1L-M25 D6B-SFH-1L-2M25 D6B-SFH-1L-M32 D6B-SFH-1L-2M32 D6B-SFH-1L-PG21 D6B-SFH-1L-2PG21 D6B-SFH-1L-PG29 D6B-SFH-1L-2PG29 With plastic cover D6B-SFH-1L-CV-M25 D6B-SFH-1L-CV-2M25 D6B-SFH-1L-CV-M32 D6B-SFH-1L-CV-2M32 D6B-SFH-1L-CV-PG21 D6B-SFH-1L-CV-2PG21 D6B-SFH-1L-CV-PG29 D6B-SFH-1L-CV-2PG29 With metal cover D6B-SFH-1L-MCV-M25 D6B-SFH-1L-MCV-2M25 D6B-SFH-1L-MCV-M32 D6B-SFH-1L-MCV-2M32 D6B-SFH-1L-MCV-PG21 D6B-SFH-1L-MCV-2PG21 D6B-SFH-1L-MCV-PG29 D6B-SFH-1L-MCV-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29 M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29 M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	

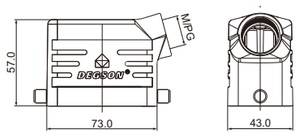
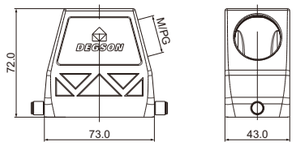
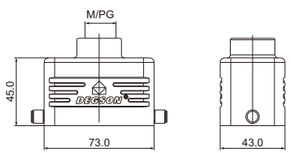
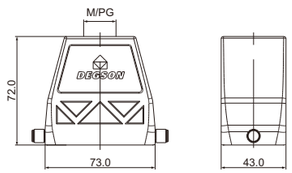
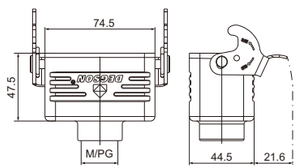
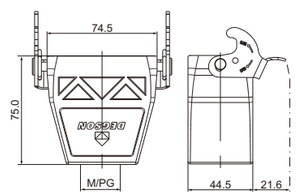
DP6B Metal Hoods & Housings

Degree of protection : IP68

Hoods & Housings	Description	Type	Thread	Drawing
NEW	Hoods, side entry, high construction	DP6B-SEH-2S-M20-00A(H) DP6B-SEH-2S-M25-00A(H) DP6B-SEH-2S-M32-00A(H) DP6B-SEH-2S-PG16-00A(H) DP6B-SEH-2S-PG21-00A(H)	M20 M25 M32 PG16 PG21	
NEW	Hoods, top entry, high construction	DP6B-TEH-2S-M20-00A(H) DP6B-TEH-2S-M25-00A(H) DP6B-TEH-2S-M32-00A(H) DP6B-TEH-2S-PG16-00A(H) DP6B-TEH-2S-PG21-00A(H) DP6B-TEH-2S-PG29-00A(H)	M20 M25 M32 PG16 PG21 PG29	
NEW	Housings, bulkhead mounting	DP6B-BK/S-2H-00A(H)	–	

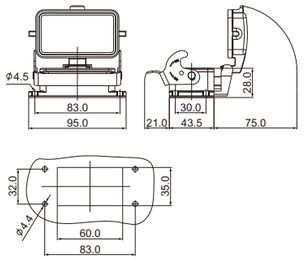
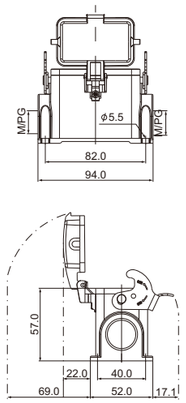
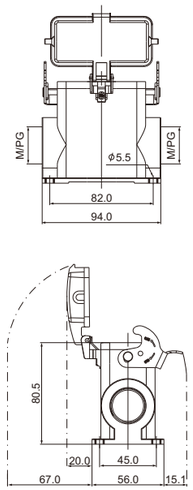
D10B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D10B-SE-2g-M20 D10B-SE-2g-M25 D10B-SE-2g-PG16	M20 M25 PG16	
	Hoods, side entry, high construction	D10B-SEH-2g-M25 D10B-SEH-2g-M32 D10B-SEH-2g-PG21 D10B-SEH-2g-PG29	M25 M32 PG21 PG29	
	Hoods, top entry	D10B-TE-2g-M20 D10B-TE-2g-M25 D10B-TE-2g-PG16	M20 M25 PG16	
	Hoods, top entry, high construction	D10B-TEH-2g-M25 D10B-TEH-2g-M32 D10B-TEH-2g-PG21 D10B-TEH-2g-PG29	M25 M32 PG21 PG29	
	Housings, cable to cable	D10B-CCT-1L-M20 D10B-CCT-1L-M25 D10B-CCT-1L-PG16	M20 M25 PG16	
	Housings, cable to cable high construction	D10B-CCTH-1L-M25 D10B-CCTH-1L-M32 D10B-CCTH-1L-PG21 D10B-CCTH-1L-PG29	M25 M32 PG21 PG29	

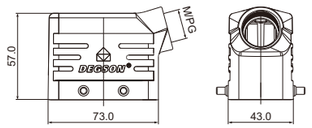
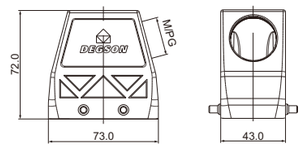
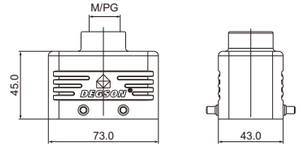
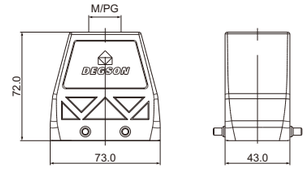
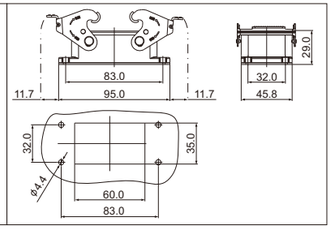
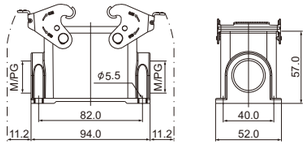
D10B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, bulkhead mounting	D10B-BK-1L With plastic cover D10B-BK-1L-CV With metal cover D10B-BK-1L-MCV	-- -- --	
	Housings, surface mounting	D10B-SF-1L-M20 D10B-SF-1L-2M20 D10B-SF-1L-M25 D10B-SF-1L-2M25 D10B-SF-1L-PG16 D10B-SF-1L-2PG16 With plastic cover D10B-SF-1L-CV-M20 D10B-SF-1L-CV-2M20 D10B-SF-1L-CV-M25 D10B-SF-1L-CV-2M25 D10B-SF-1L-CV-PG16 D10B-SF-1L-CV-2PG16 With metal cover D10B-SF-1L-MCV-M20 D10B-SF-1L-MCV-2M20 D10B-SF-1L-MCV-M25 D10B-SF-1L-MCV-2M25 D10B-SF-1L-MCV-PG16 D10B-SF-1L-MCV-2PG16	M20 2M20 M25 2M25 PG16 2PG16 M20 2M20 M25 2M25 PG16 2PG16 M20 2M20 M25 2M25 PG16 2PG16	
	Housings, surface mounting high construction	D10B-SFH-1L-M25 D10B-SFH-1L-2M25 D10B-SFH-1L-M32 D10B-SFH-1L-2M32 D10B-SFH-1L-PG21 D10B-SFH-1L-2PG21 D10B-SFH-1L-PG29 D10B-SFH-1L-2PG29 With plastic cover D10B-SFH-1L-CV-M25 D10B-SFH-1L-CV-2M25 D10B-SFH-1L-CV-M32 D10B-SFH-1L-CV-2M32 D10B-SFH-1L-CV-PG21 D10B-SFH-1L-CV-2PG21 D10B-SFH-1L-CV-PG29 D10B-SFH-1L-CV-2PG29 With metal cover D10B-SFH-1L-MCV-M25 D10B-SFH-1L-MCV-2M25 D10B-SFH-1L-MCV-M32 D10B-SFH-1L-MCV-2M32 D10B-SFH-1L-MCV-PG21 D10B-SFH-1L-MCV-2PG21 D10B-SFH-1L-MCV-PG29 D10B-SFH-1L-MCV-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29 M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29 M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	

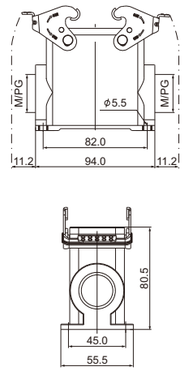
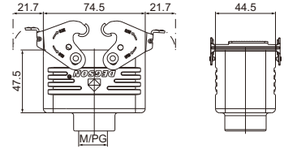
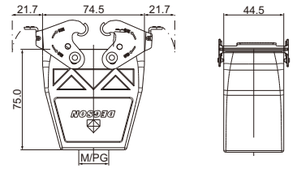
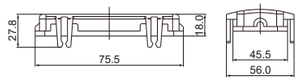
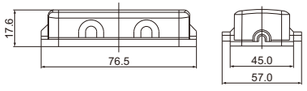
D10B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D10B-SE-4g-M20 D10B-SE-4g-M25 D10B-SE-4g-PG16	M20 M25 PG16	
	Hoods, side entry, high construction	D10B-SEH-4g-M25 D10B-SEH-4g-M32 D10B-SEH-4g-PG21 D10B-SEH-4g-PG29	M25 M32 PG21 PG29	
	Hoods, top entry	D10B-TE-4g-M20 D10B-TE-4g-M25 D10B-TE-4g-PG16	M20 M25 PG16	
	Hoods, top entry, high construction	D10B-TEH-4g-M25 D10B-TEH-4g-M32 D10B-TEH-4g-PG21 D10B-TEH-4g-PG29	M25 M32 PG21 PG29	
	Housings, bulkhead mounting	D10B-BK-2L	--	
	Housings, surface mounting	D10B-SF-2L-M20 D10B-SF-2L-2M20 D10B-SF-2L-M25 D10B-SF-2L-2M25 D10B-SF-2L-PG16 D10B-SF-2L-2PG16	M20 2M20 M25 2M25 PG16 2PG16	

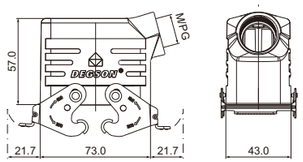
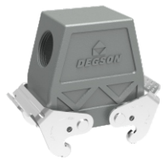
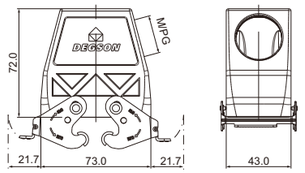
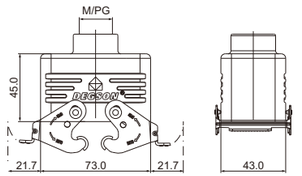
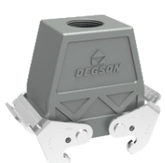
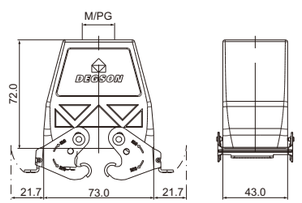
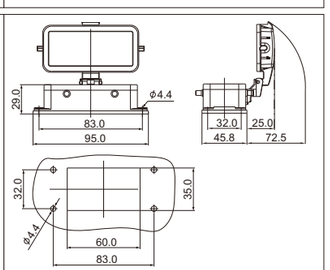
D10B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, surface mounting high construction	D10B-SFH-2L-M25 D10B-SFH-2L-2M25 D10B-SFH-2L-M32 D10B-SFH-2L-2M32 D10B-SFH-2L-PG21 D10B-SFH-2L-2PG21 D10B-SFH-2L-PG29 D10B-SFH-2L-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	
	Housings, cable to cable	D10B-CCT-2L-M20 D10B-CCT-2L-M25 D10B-CCT-2L-PG16	M20 M25 PG16	
	Housings, cable to cable high construction	D10B-CCTH-2L-M25 D10B-CCTH-2L-M32 D10B-CCTH-2L-PG21 D10B-CCTH-2L-PG29	M25 M32 PG21 PG29	
SCHEMA-DIAGRAM	Protection	With plastic cover D10B-CV-4C	--	
SCHEMA-DIAGRAM	Protection	With plastic cover D10B-CV-4g/1S D10B-CV-4g/2S With metal cover D10B-MCV-4g/1S D10B-MCV-4g/2S	1S 2S	

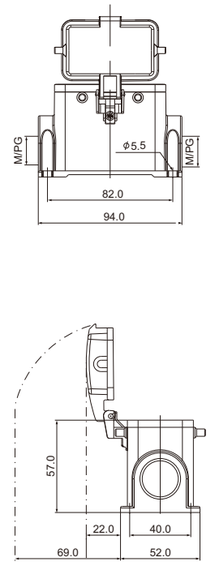
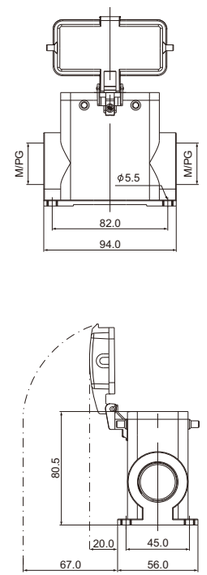
D10B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D10B-SE-2L-M20 D10B-SE-2L-M25 D10B-SE-2L-PG16	M20 M25 PG16	
	Hoods, side entry, high construction	D10B-SEH-2L-M25 D10B-SEH-2L-M32 D10B-SEH-2L-PG21 D10B-SEH-2L-PG29	M25 M32 PG21 PG29	
	Hoods, top entry	D10B-TE-2L-M20 D10B-TE-2L-M25 D10B-TE-2L-PG16	M20 M25 PG16	
	Hoods, top entry, high construction	D10B-TEH-2L-M25 D10B-TEH-2L-M32 D10B-TEH-2L-PG21 D10B-TEH-2L-PG29	M25 M32 PG21 PG29	
	Housings, bulkhead mounting	D10B-BK-4g With plastic cover D10B-BK-4g-CV With metal cover D10B-BK-4g-MCV	--	

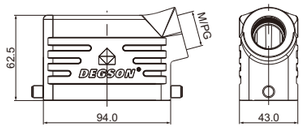
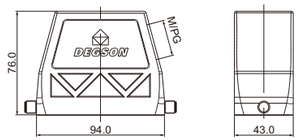
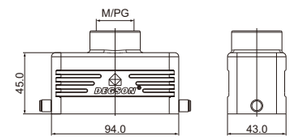
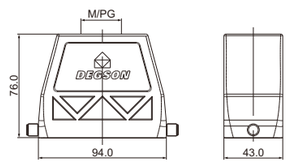
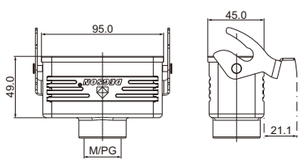
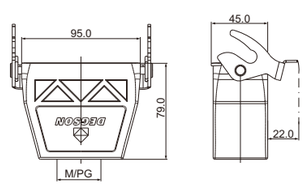
D10B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, surface mounting	D10B-SF-4g-M20 D10B-SF-4g-2M20 D10B-SF-4g-M25 D10B-SF-4g-2M25 D10B-SF-4g-PG16 D10B-SF-4g-2PG16 With plastic cover D10B-SF-4g-CV-M20 D10B-SF-4g-CV-2M20 D10B-SF-4g-CV-M25 D10B-SF-4g-CV-2M25 D10B-SF-4g-CV-PG16 D10B-SF-4g-CV-2PG16 With metal cover D10B-SF-4g-MCV-M20 D10B-SF-4g-MCV-2M20 D10B-SF-4g-MCV-M25 D10B-SF-4g-MCV-2M25 D10B-SF-4g-MCV-PG16 D10B-SF-4g-MCV-2PG16	M20 2M20 M25 2M25 PG16 2PG16 M20 2M20 M25 2M25 PG16 2PG16 M20 2M20 M25 2M25 PG16 2PG16	
	Housings, surface mounting high construction	D10B-SFH-4g-M25 D10B-SFH-4g-2M25 D10B-SFH-4g-M32 D10B-SFH-4g-2M32 D10B-SFH-4g-PG21 D10B-SFH-4g-2PG21 D10B-SFH-4g-PG29 D10B-SFH-4g-2PG29 With plastic cover D10B-SFH-4g-CV-M25 D10B-SFH-4g-CV-2M25 D10B-SFH-4g-CV-M32 D10B-SFH-4g-CV-2M32 D10B-SFH-4g-CV-PG21 D10B-SFH-4g-CV-2PG21 D10B-SFH-4g-CV-PG29 D10B-SFH-4g-CV-2PG29 With metal cover D10B-SFH-4g-MCV-M25 D10B-SFH-4g-MCV-2M25 D10B-SFH-4g-MCV-M32 D10B-SFH-4g-MCV-2M32 D10B-SFH-4g-MCV-PG21 D10B-SFH-4g-MCV-2PG21 D10B-SFH-4g-MCV-PG29 D10B-SFH-4g-MCV-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29 M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29 M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	

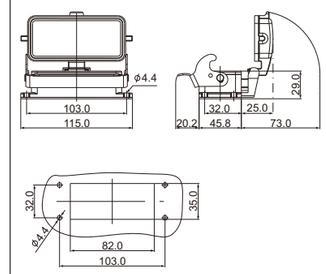
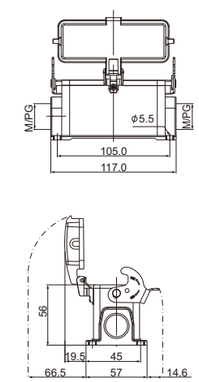
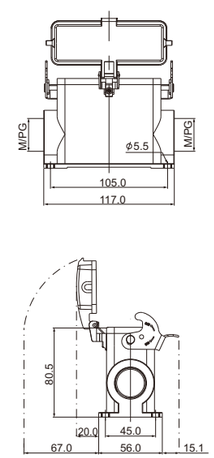
D16B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D16B-SE-2g-M25 D16B-SE-2g-M32 D16B-SE-2g-PG21	M25 M32 PG21	
	Hoods, side entry, high construction	D16B-SEH-2g-M32 D16B-SEH-2g-M40 D16B-SEH-2g-PG21 D16B-SEH-2g-PG29	M32 M40 PG21 PG29	
	Hoods, top entry	D16B-TE-2g-M25 D16B-TE-2g-M32 D16B-TE-2g-PG21	M25 M32 PG21	
	Hoods, top entry, high construction	D16B-TEH-2g-M32 D16B-TEH-2g-M40 D16B-TEH-2g-PG21 D16B-TEH-2g-PG29	M32 M40 PG21 PG29	
	Housings, cable to cable	D16B-CCT-1L-M25 D16B-CCT-1L-M32 D16B-CCT-1L-PG21	M25 M32 PG21	
	Housings, cable to cable high construction	D16B-CCTH-1L-M32 D16B-CCTH-1L-M40 D16B-CCTH-1L-PG21 D16B-CCTH-1L-PG29	M32 M40 PG21 PG29	

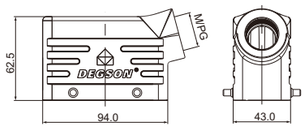
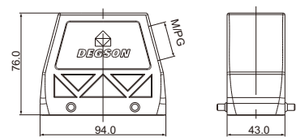
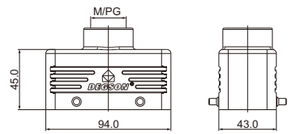
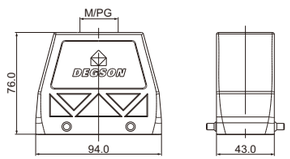
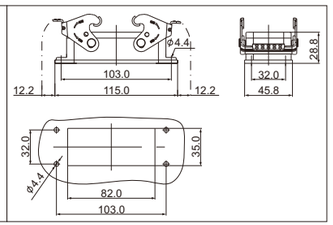
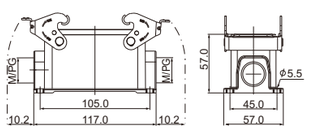
D16B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, bulkhead mounting	D16B-BK-1L With plastic cover D16B-BK-1L-CV With metal cover D16B-BK-1L-MCV	-- -- --	
	Housings, surface mounting	D16B-SF-1L-M25 D16B-SF-1L-2M25 D16B-SF-1L-PG21 D16B-SF-1L-2PG21 With plastic cover D16B-SF-1L-CV-M25 D16B-SF-1L-CV-2M25 D16B-SF-1L-CV-PG21 D16B-SF-1L-CV-2PG21 With metal cover D16B-SF-1L-MCV-M25 D16B-SF-1L-MCV-2M25 D16B-SF-1L-MCV-PG21 D16B-SF-1L-MCV-2PG21	M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21	
	Housings, surface mounting high construction	D16B-SFH-1L-M32 D16B-SFH-1L-2M32 D16B-SFH-1L-PG21 D16B-SFH-1L-2PG21 D16B-SFH-1L-PG29 D16B-SFH-1L-2PG29 With plastic cover D16B-SFH-1L-CV-M32 D16B-SFH-1L-CV-2M32 D16B-SFH-1L-CV-PG21 D16B-SFH-1L-CV-2PG21 D16B-SFH-1L-CV-PG29 D16B-SFH-1L-CV-2PG29 With metal cover D16B-SFH-1L-MCV-M32 D16B-SFH-1L-MCV-2M32 D16B-SFH-1L-MCV-PG21 D16B-SFH-1L-MCV-2PG21 D16B-SFH-1L-MCV-PG29 D16B-SFH-1L-MCV-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29	

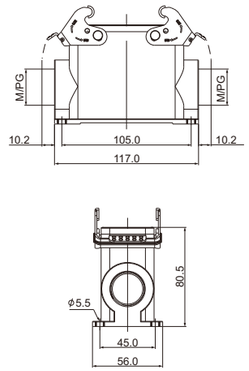
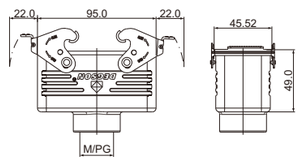
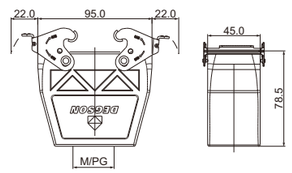
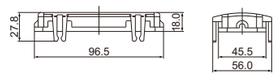
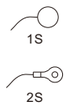
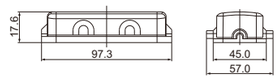
D16B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D16B-SE-4g-M25 D16B-SE-4g-M32 D16B-SE-4g-PG21	M25 M32 PG21	
	Hoods, side entry, high construction	D16B-SEH-4g-M32 D16B-SEH-4g-M40 D16B-SEH-4g-PG21 D16B-SEH-4g-PG29	M32 M40 PG21 PG29	
	Hoods, top entry	D16B-TE-4g-M25 D16B-TE-4g-M32 D16B-TE-4g-PG21	M25 M32 PG21	
	Hoods, top entry, high construction	D16B-TEH-4g-M32 D16B-TEH-4g-M40 D16B-TEH-4g-PG21 D16B-TEH-4g-PG29	M32 M40 PG21 PG29	
	Housings, bulkhead mounting	D16B-BK-2L	--	
	Housings, surface mounting	D16B-SF-2L-M25 D16B-SF-2L-2M25 D16B-SF-2L-PG21 D16B-SF-2L-2PG21	M25 2M25 PG16 2PG16	

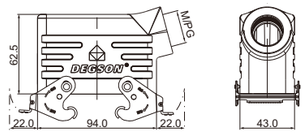
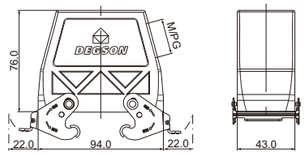
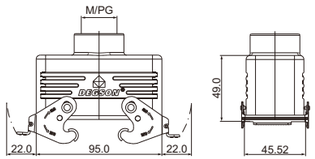
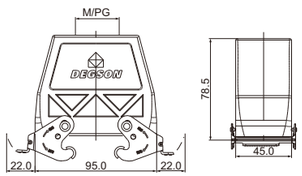
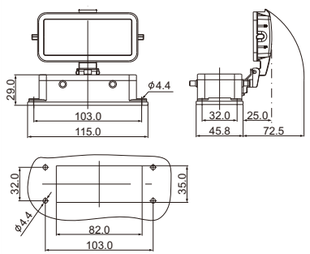
D16B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, surface mounting high construction	D16B-SFH-2L-M25 D16B-SFH-2L-2M25 D16B-SFH-2L-M32 D16B-SFH-2L-2M32 D16B-SFH-2L-PG21 D16B-SFH-2L-2PG21 D16B-SFH-2L-PG29 D16B-SFH-2L-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	
	Housings, cable to cable	D16B-CCT-2L-M25 D16B-CCT-2L-M32 D16B-CCT-2L-PG21	M25 M32 PG21	
	Housings, cable to cable high construction	D16B-CCTH-2L-M32 D16B-CCTH-2L-M40 D16B-CCTH-2L-PG21 D16B-CCTH-2L-PG29	M32 M40 PG21 PG29	
SCREW-DOWN	Protection	With plastic cover D16B-CV-4C	--	
SCREW-DOWN	Protection	With plastic cover D16B-CV-4g/1S D16B-CV-4g/2S With metal cover D16B-MCV-4g/1S D16B-MCV-4g/2S		

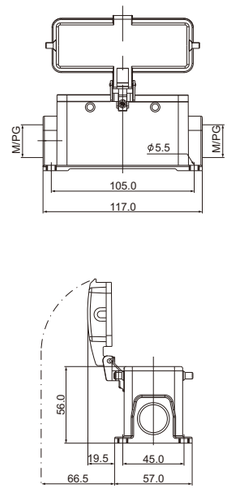
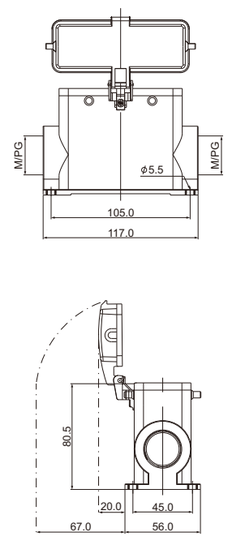
D16B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D16B-SE-2L-M25 D16B-SE-2L-M32 D16B-SE-2L-PG21	M25 M32 PG21	
	Hoods, side entry, high construction	D16B-SEH-2L-M32 D16B-SEH-2L-M40 D16B-SEH-2L-PG21 D16B-SEH-2L-PG29	M32 M40 PG21 PG29	
	Hoods, top entry	D16B-TE-2L-M25 D16B-TE-2L-M32 D16B-TE-2L-PG21	M25 M32 PG21	
	Hoods, top entry, high construction	D16B-TEH-2L-M32 D16B-TEH-2L-M40 D16B-TEH-2L-PG21 D16B-TEH-2L-PG29	M32 M40 PG21 PG29	
	Housings, bulkhead mounting	D16B-BK-4g With plastic cover D16B-BK-4g-CV With metal cover D16B-BK-4g-MCV	-- -- --	

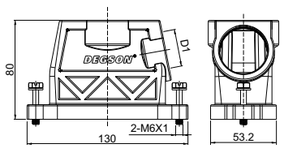
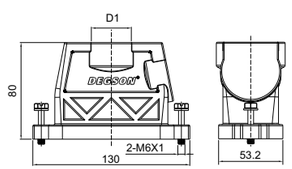
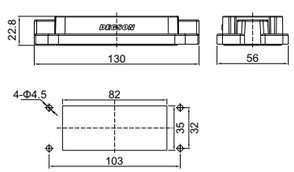
D16B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, surface mounting	D16B-SF-4g-M25 D16B-SF-4g-2M25 D16B-SF-4g-PG21 D16B-SF-4g-2PG21 With plastic cover D16B-SF-4g-CV-M25 D16B-SF-4g-CV-2M25 D16B-SF-4g-CV-PG21 D16B-SF-4g-CV-2PG21 With metal cover D16B-SF-4g-MCV-M25 D16B-SF-4g-MCV-2M25 D16B-SF-4g-MCV-PG21 D16B-SF-4g-MCV-2PG21	M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21	
	Housings, surface mounting high construction	D16B-SFH-4g-M32 D16B-SFH-4g-2M32 D16B-SFH-4g-PG21 D16B-SFH-4g-2PG21 D16B-SFH-4g-PG29 D16B-SFH-4g-2PG29 With plastic cover D16B-SFH-4g-CV-M32 D16B-SFH-4g-CV-2M32 D16B-SFH-4g-CV-PG21 D16B-SFH-4g-CV-2PG21 D16B-SFH-4g-CV-PG29 D16B-SFH-4g-CV-2PG29 With metal cover D16B-SFH-4g-MCV-M32 D16B-SFH-4g-MCV-2M32 D16B-SFH-4g-MCV-PG21 D16B-SFH-4g-MCV-2PG21 D16B-SFH-4g-MCV-PG29 D16B-SFH-4g-MCV-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29	

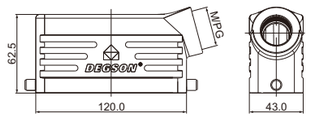
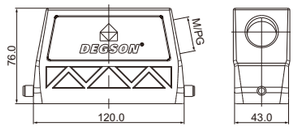
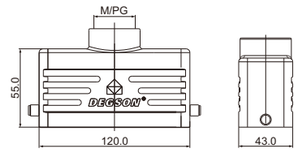
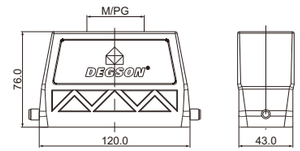
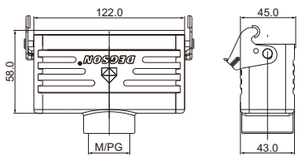
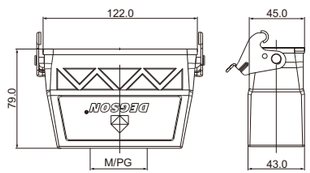
DP16B Metal Hoods & Housings

Degree of protection : IP68

Hoods & Housings	Description	Type	Thread	Drawing
NEW	Hoods, side entry, high construction	DP16B-SEH-2S-M25-00A(H) DP16B-SEH-2S-M32-00A(H) DP16B-SEH-2S-M40-00A(H) DP16B-SEH-2S-PG21-00A(H) DP16B-SEH-2S-PG29-00A(H)	M25 M32 M40 PG21 PG29	
NEW	Hoods, top entry, high construction	DP16B-TEH-2S-M25-00A(H) DP16B-TEH-2S-M32-00A(H) DP16B-TEH-2S-M40-00A(H) DP16B-TEH-2S-M50-00A(H) DP16B-TEH-2S-PG21-00A(H) DP16B-TEH-2S-PG29-00A(H)	M25 M32 M40 M50 PG21 PG29	
NEW	Housings, bulkhead mounting	DP16B-BK/S-2H-00A(H)	--	

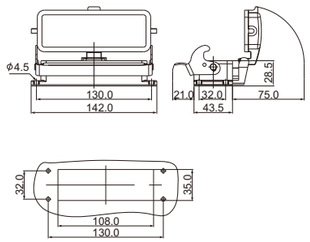
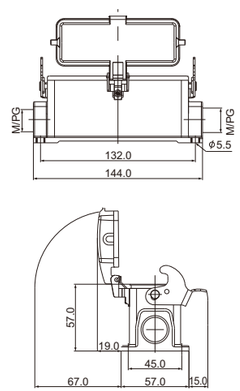
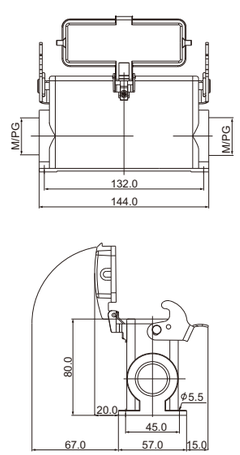
D24B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D24B-SE-2g-M25 D24B-SE-2g-M32 D24B-SE-2g-PG21	M25 M32 PG21	
	Hoods, side entry, high construction	D24B-SEH-2g-M32 D24B-SEH-2g-M40 D24B-SEH-2g-PG21 D24B-SEH-2g-PG29	M32 M40 PG21 PG29	
	Hoods, top entry	D24B-TE-2g-M25 D24B-TE-2g-M32 D24B-TE-2g-PG21	M25 M32 PG21	
	Hoods, top entry, high construction	D24B-TEH-2g-M32 D24B-TEH-2g-M40 D24B-TEH-2g-PG21 D24B-TEH-2g-PG29	M32 M40 PG21 PG29	
	Housings, cable to cable	D24B-CCT-1L-M25 D24B-CCT-1L-M32 D24B-CCT-1L-PG21	M25 M32 PG21	
	Housings, cable to cable high construction	D24B-CCTH-1L-M32 D24B-CCTH-1L-M40 D24B-CCTH-1L-PG21 D24B-CCTH-1L-PG29	M32 M40 PG21 PG29	

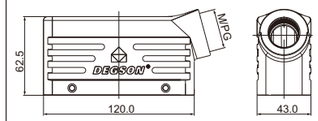
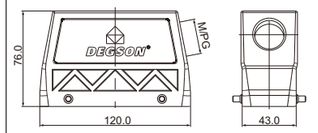
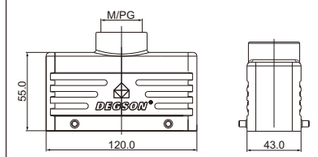
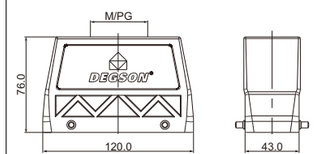
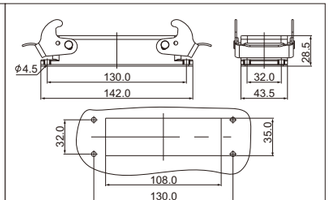
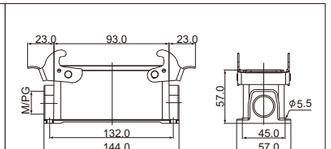
D24B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, bulkhead mounting	D24B-BK-1L With plastic cover D24B-BK-1L-CV With metal cover D24B-BK-1L-MCV	-- -- --	
	Housings, surface mounting	D24B-SF-1L-M25 D24B-SF-1L-2M25 D24B-SF-1L-PG21 D24B-SF-1L-2PG21 With plastic cover D24B-SF-1L-CV-M25 D24B-SF-1L-CV-2M25 D24B-SF-1L-CV-PG21 D24B-SF-1L-CV-2PG21 With metal cover D24B-SF-1L-MCV-M25 D24B-SF-1L-MCV-2M25 D24B-SF-1L-MCV-PG21 D24B-SF-1L-MCV-2PG21	M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21	
	Housings, surface mounting high construction	D24B-SFH-1L-M32 D24B-SFH-1L-2M32 D24B-SFH-1L-PG21 D24B-SFH-1L-2PG21 D24B-SFH-1L-PG29 D24B-SFH-1L-2PG29 With plastic cover D24B-SFH-1L-CV-M32 D24B-SFH-1L-CV-2M32 D24B-SFH-1L-CV-PG21 D24B-SFH-1L-CV-2PG21 D24B-SFH-1L-CV-PG29 D24B-SFH-1L-CV-2PG29 With metal cover D24B-SFH-1L-MCV-M32 D24B-SFH-1L-MCV-2M32 D24B-SFH-1L-MCV-PG21 D24B-SFH-1L-MCV-2PG21 D24B-SFH-1L-MCV-PG29 D24B-SFH-1L-MCV-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29	

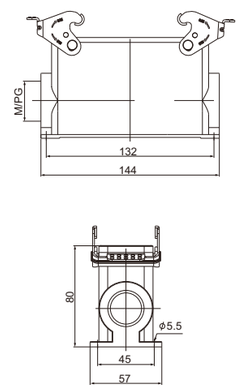
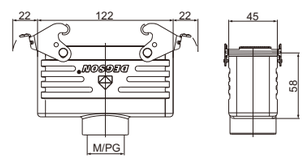
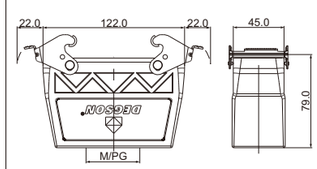
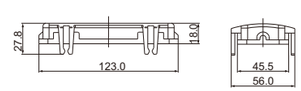
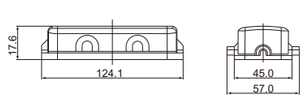
D24B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D24B-SE-4g-M25 D24B-SE-4g-M32 D24B-SE-4g-PG21	M25 M32 PG21	
	Hoods, side entry, high construction	D24B-SEH-4g-M32 D24B-SEH-4g-M40 D24B-SEH-4g-PG21 D24B-SEH-4g-PG29	M32 M40 PG21 Pg29	
	Hoods, top entry	D24B-TE-4g-M25 D24B-TE-4g-M32 D24B-TE-4g-PG21	M25 M32 PG21	
	Hoods, top entry, high construction	D24B-TEH-4g-M32 D24B-TEH-4g-M40 D24B-TEH-4g-PG21 D24B-TEH-4g-PG29	M32 M40 PG21 PG29	
	Housings, bulkhead mounting	D24B-BK-2L	--	
	Housings, surface mounting	D24B-SF-2L-M25 D24B-SF-2L-2M25 D24B-SF-2L-PG21 D24B-SF-2L-2PG21	M25 2M25 PG16 2PG16	

D24B Metal Hoods & Housings

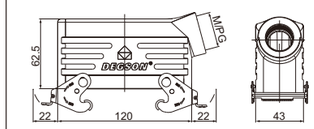
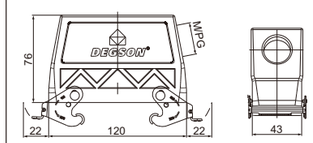
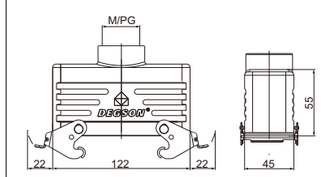
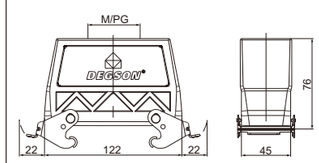
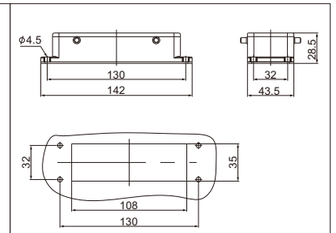
Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, surface mounting high construction	D24B-SFH-2L-M32 D24B-SFH-2L-2M32 D24B-SFH-2L-PG21 D24B-SFH-2L-2PG21 D24B-SFH-2L-PG29 D24B-SFH-2L-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29	
	Housings, cable to cable	D24B-CCT-2L-M25 D24B-CCT-2L-M32 D24B-CCT-2L-PG21	M25 M32 PG21	
	Housings, cable to cable high construction	D24B-CCTH-2L-M32 D24B-CCTH-2L-M40 D24B-CCTH-2L-PG21 D24B-CCTH-2L-PG29	M32 M40 PG21 PG29	
NEW DESIGN	Protection	With plastic cover D24B-CV-4C	--	
NEW DESIGN	Protection	With plastic cover D24B-CV-4g/1S D24B-CV-4g/2S With metal cover D24B-MCV-4g/1S D24B-MCV-4g/2S	1S 2S	

DEGSON
Hoods & Housings Series

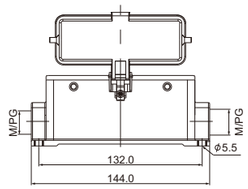
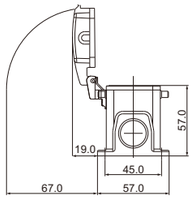
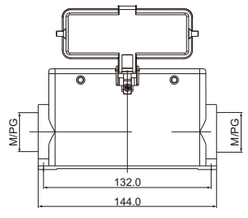
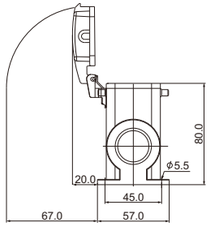
D24B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D24B-SE-2L-M25 D24B-SE-2L-M32 D24B-SE-2L-PG21	M25 M32 PG21	
	Hoods, side entry, high construction	D24B-SEH-2L-M32 D24B-SEH-2L-M40 D24B-SEH-2L-PG21 D24B-SEH-2L-PG29	M32 M40 PG21 Pg29	
	Hoods, top entry	D24B-TE-2L-M25 D24B-TE-2L-M32 D24B-TE-2L-PG21	M25 M32 PG21	
	Hoods, top entry, high construction	D24B-TEH-2L-M32 D24B-TEH-2L-M40 D24B-TEH-2L-PG21 D24B-TEH-2L-PG29	M32 M40 PG21 PG29	
	Housings, bulkhead mounting	D24B-BK-4g With plastic cover D24B-BK-4g-CV With metal cover D24B-BK-4g-MCV	-- -- --	

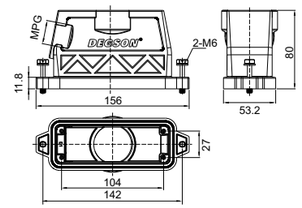
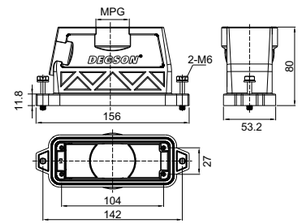
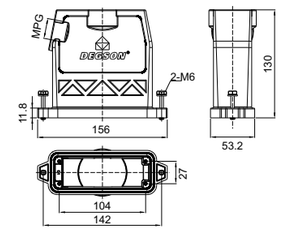
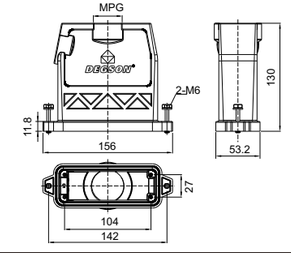
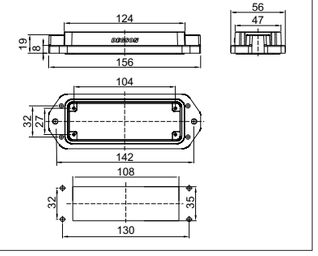
D24B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Housings, surface mounting	D24B-SF-4g-M25 D24B-SF-4g-2M25 D24B-SF-4g-PG21 D24B-SF-4g-2PG21 With plastic cover D24B-SF-4g-CV-M25 D24B-SF-4g-CV-2M25 D24B-SF-4g-CV-PG21 D24B-SF-4g-CV-2PG21 With metal cover D24B-SF-4g-MCV-M25 D24B-SF-4g-MCV-2M25 D24B-SF-4g-MCV-PG21 D24B-SF-4g-MCV-2PG21	M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21	 
	Housings, surface mounting high construction	D24B-SFH-4g-M32 D24B-SFH-4g-2M32 D24B-SFH-4g-PG21 D24B-SFH-4g-2PG21 D24B-SFH-4g-PG29 D24B-SFH-4g-2PG29 With plastic cover D24B-SFH-4g-CV-M32 D24B-SFH-4g-CV-2M32 D24B-SFH-4g-CV-PG21 D24B-SFH-4g-CV-2PG21 D24B-SFH-4g-CV-PG29 D24B-SFH-4g-CV-2PG29 With metal cover D24B-SFH-4g-MCV-M32 D24B-SFH-4g-MCV-2M32 D24B-SFH-4g-MCV-PG21 D24B-SFH-4g-MCV-2PG21 D24B-SFH-4g-MCV-PG29 D24B-SFH-4g-MCV-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29	 

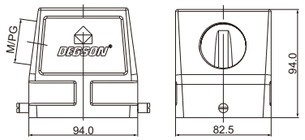
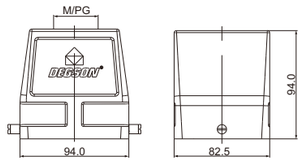
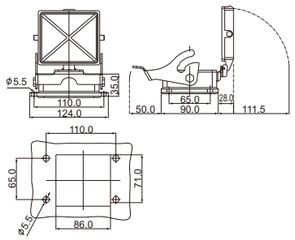
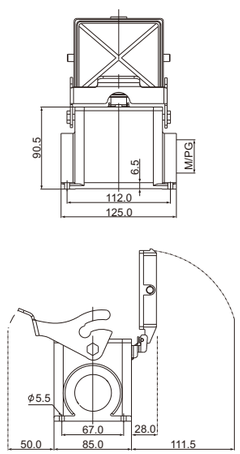
DP24B Metal Hoods & Housings

Degree of protection : IP68

Hoods & Housings	Description	Type	Thread	Drawing
NEW	Hoods, side entry, high construction	DP24B-SEH-2S-M25-00A(H) DP24B-SEH-2S-M32-00A(H) DP24B-SEH-2S-M40-00A(H) DP24B-SEH-2S-PG21-00A(H) DP24B-SEH-2S-PG29-00A(H)	M25 M32 M40 PG21 PG29	
NEW	Hoods, top entry, high construction	DP24B-TEH-2S-M25-00A(H) DP24B-TEH-2S-M32-00A(H) DP24B-TEH-2S-M40-00A(H) DP24B-TEH-2S-M50-00A(H) DP24B-TEH-2S-PG21-00A(H) DP24B-TEH-2S-PG29-00A(H) DP24B-TEH-2S-PG36-00A(H)	M25 M32 M40 M50 PG21 PG29 PG36	
NEW	Hoods, side entry, high construction	DP24B-SEHH-2S-M25-00A(H) DP24B-SEHH-2S-M32-00A(H) DP24B-SEHH-2S-M40-00A(H) DP24B-SEHH-2S-PG21-00A(H) DP24B-SEHH-2S-PG29-00A(H)	M25 M32 M40 PG21 PG29	
NEW	Hoods, top entry, high construction	DP24B-TEHH-2S-M25-00A(H) DP24B-TEHH-2S-M32-00A(H) DP24B-TEHH-2S-M40-00A(H) DP24B-TEHH-2S-M50-00A(H) DP24B-TEHH-2S-PG21-00A(H) DP24B-TEHH-2S-PG29-00A(H) DP24B-TEHH-2S-PG36-00A(H)	M25 M32 M40 M50 PG21 PG29 PG36	
NEW	Housings, bulkhead mounting	DP24B-BK/S-2H-00A(H)	–	

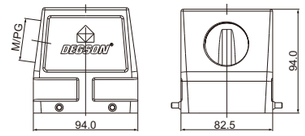
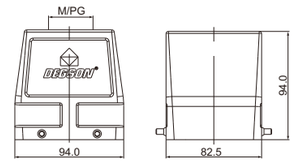
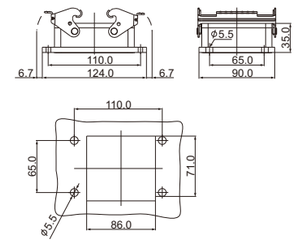
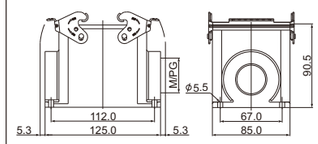
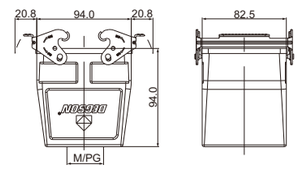
D32B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D32B-SE-2g-M32 D32B-SE-2g-M40 D32B-SE-2g-M50 D32B-SE-2g-PG29 D32B-SE-2g-PG36 D32B-SE-2g-PG42	M32 M40 M50 PG29 PG36 PG42	
	Hoods, top entry	D32B-TE-2g-M32 D32B-TE-2g-M40 D32B-TE-2g-M50 D32B-TE-2g-PG29 D32B-TE-2g-PG36 D32B-TE-2g-PG42	M32 M40 M50 PG29 PG36 PG42	
	Housings, bulkhead mounting	D32B-BK-1L With plastic cover D32B-BK-1L-CV	-- --	
	Housings, surface mounting	D32B-SF-1L-M32 D32B-SF-1L-2M32 D32B-SF-1L-M40 D32B-SF-1L-2M40 D32B-SF-1L-PG29 D32B-SF-1L-2PG29 D32B-SF-1L-PG36 D32B-SF-1L-2PG36 With plastic cover D32B-SF-1L-CV-M32 D32B-SF-1L-CV-2M32 D32B-SF-1L-CV-M40 D32B-SF-1L-CV-2M40 D32B-SF-1L-CV-PG29 D32B-SF-1L-CV-2PG29 D32B-SF-1L-CV-PG36 D32B-SF-1L-CV-2PG36	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36 M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36	

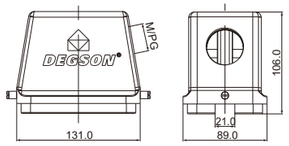
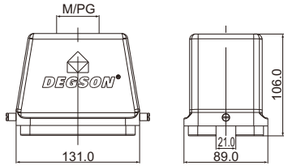
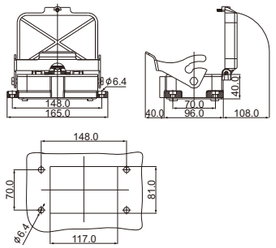
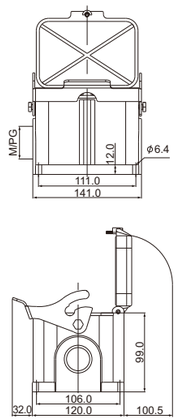
D32B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D32B-SE-4g-M32 D32B-SE-4g-M40 D32B-SE-4g-M50 D32B-SE-4g-PG29 D32B-SE-4g-PG36 D32B-SE-4g-PG42	M32 M40 M50 PG29 PG36 PG42	
	Hoods, top entry	D32B-TE-4g-M32 D32B-TE-4g-M40 D32B-TE-4g-M50 D32B-TE-4g-PG29 D32B-TE-4g-PG36 D32B-TE-4g-PG42	M32 M40 M50 PG29 PG36 PG42	
	Housings, bulkhead mounting	D32B-BK-2L	--	
	Housings, surface mounting high construction	D32B-SF-2L-M32 D32B-SF-2L-2M32 D32B-SF-2L-M40 D32B-SF-2L-2M40 D32B-SF-2L-PG29 D32B-SF-2L-2PG29 D32B-SF-2L-PG36 D32B-SF-2L-2PG36 D32B-SF-2L-2PG42	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36 2PG42	
	Housings, cable to cable	D32B-CCT-2L-M32 D32B-CCT-2L-M40 D32B-CCT-2L-M50 D32B-CCT-2L-PG29 D32B-CCT-2L-PG36 D32B-CCT-2L-PG42	M32 M40 M50 PG29 PG36 PG42	

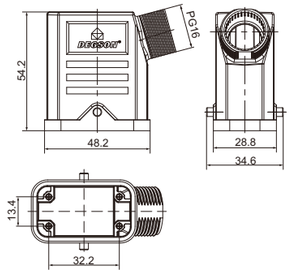
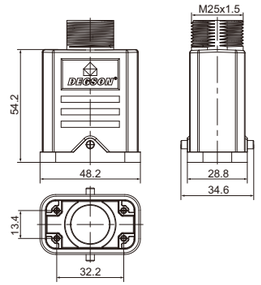
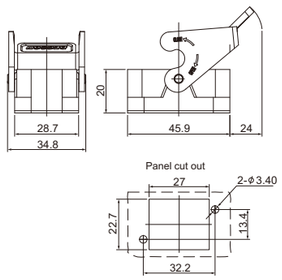
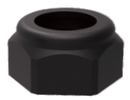
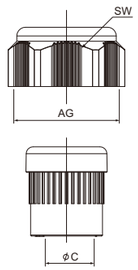
D48B Metal Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	D48B-SE-2g-M32 D48B-SE-2g-M40 D48B-SE-2g-M50 D48B-SE-2g-PG29 D48B-SE-2g-PG36 D48B-SE-2g-PG42	M32 M40 M50 PG29 PG36 PG42	
	Hoods, top entry	D48B-TE-2g-M32 D48B-TE-2g-M40 D48B-TE-2g-M50 D48B-TE-2g-PG29 D48B-TE-2g-PG36 D48B-TE-2g-PG42	M32 M40 M50 PG29 PG36 PG42	
	Housings, bulkhead mounting	D48B-BK-1L With plastic cover D48B-BK-1L-CV	-- --	
	Housings, surface mounting	D48B-SF-1L-M32 D48B-SF-1L-2M32 D48B-SF-1L-M40 D48B-SF-1L-2M40 D48B-SF-1L-PG29 D48B-SF-1L-2PG29 D48B-SF-1L-PG36 D48B-SF-1L-2PG36 With plastic cover D48B-SF-1L-CV-M32 D48B-SF-1L-CV-2M32 D48B-SF-1L-CV-M40 D48B-SF-1L-CV-2M40 D48B-SF-1L-CV-PG29 D48B-SF-1L-CV-2PG29 D48B-SF-1L-CV-PG36 D48B-SF-1L-CV-2PG36	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36 M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36	

DC Plastic Hoods & Housings

Degree of protection : IP65

Hoods & Housings	Description	Type	Thread	Drawing
	Hoods, side entry	DC.P-SE-2g-PG16	PG16	
	Hoods, top entry	DC.P-TE-2g-M25	M25	
	Housings, bulkhead mounting	DC.P-BK-1L	--	
	Cable gland, for housings	DC.P-M25P(D14-17) DC.P-PG16P(D11. 5-15. 5)	M25 PG16	

Set general introduction

Quick suites selection

Insert &contact selection: Pin number of insert &contact is bigger than or equal to the circuit number.

Parameters validation: Whether rated current, rated voltage can meet the actual demand.

Hoods selection:Entry mode(side,top)meets cabling arrangement.
Locking method facilitate on-site operation.
The hoods thread should compatible with the size of cabling(cable diameter should within cable joint locking range.)detail on P129.

Housing selection:Entry mode meets cabling arrangement on site(bulkhead mounting,surface mounting).
Locking method compatible with hoods.
For surface mounting the entry thread size should be confirmed(the same as that of hoods).

The suites type can be determined based on above 4 points.

DA ▪ Series 3 Circuit 400/230V,10A

D3A-SE-2g

D3A-TE-2g

D3A-TE-2g

D3A-TE-2g

D3A-TE-2g

DA-003-M

DA-003-M

DA-003-M

DA-003-M

DA-003-M

DA-003-F

DA-003-F

DA-003-F

DA-003-F

DA-003-F

D3A-BK-1L

D3A-BK-1L

D3A-SF-1L

D3A-BK-SE-1L

D3A-CCT-1L

Side-entry & bulkhead	Top-entry & bulkhead	Top-entry & surface	Top-entry & Side-bulkhead	Top-entry & cable to cable
Type: HDC-DA-003-XX-0001AH	Type: HDC-DA-003-XX-0002AH	Type: HDC-DA-003-XX-0003AH	Type: HDC-DA-003-XX-0004AH	Type: HDC-DA-003-XX-0005AH
Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5

DA ▪ Series 4 Circuit 400/230V,10A

D3A-SE-2g

D3A-TE-2g

D3A-TE-2g

D3A-TE-2g

D3A-TE-2g

DA-004-M

DA-004-M

DA-004-M

DA-004-M

DA-004-M

DA-004-F

DA-004-F

DA-004-F

DA-004-F

DA-004-F

D3A-BK-1L

D3A-BK-1L

D3A-SF-1L

D3A-BK-SE-1L

D3A-CCT-1L

Side-entry & bulkhead	Top-entry & bulkhead	Top-entry & surface	Top-entry & Side-bulkhead	Top-entry & cable to cable
Type: HDC-DA-004-XX-0001AH	Type: HDC-DA-004-XX-0002AH	Type: HDC-DA-004-XX-0003AH	Type: HDC-DA-004-XX-0004AH	Type: HDC-DA-004-XX-0005AH
Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5	Cable gland: M20,PG11,PG13.5

DE ▪ Series 6 Circuit 500V,16A

D6B-SE-2g

D6B-TE-2g

D6B-SE-2g

D6B-TE-2g

D6B-SE-2g

D6B-TE-2g

DE-006-M

DE-006-M

DE-006-M

DE-006-M

DE-006-M

DE-006-M

DE-006-F

DE-006-F

DE-006-F

DE-006-F

DE-006-F

DE-006-F

D6B-BK-1L

D6B-BK-1L

D6B-SF-1L

D6B-SF-1L

D6B-BK-1L-CV

D6B-BK-1L-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-006-XX-0001AH	Type: HDC-DE-006-XX-0002AH	Type: HDC-DE-006-XX-0003AH	Type: HDC-DE-006-XX-0004AH	Type: HDC-DE-006-XX-0005AH	Type: HDC-DE-006-XX-0006AH
Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG11

DE ▪ Series 10 Circuit 500V,16A

D10B-SE-2g

D10B-TE-2g

D10B-SE-2g

D10B-TE-2g

D10B-SE-2g

D10B-TE-2g

DE-010-M

DE-010-M

DE-010-M

DE-010-M

DE-010-M

DE-010-M

DE-010-F

DE-010-F

DE-010-F

DE-010-F

DE-010-F

DE-010-F

D10B-BK-1L

D10B-BK-1L

D10B-SF-1L

D10B-SF-1L

D10B-BK-1L-CV

D10B-BK-1L-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-010-XX-0001AH	Type: HDC-DE-010-XX-0002AH	Type: HDC-DE-010-XX-0003AH	Type: HDC-DE-010-XX-0004AH	Type: HDC-DE-010-XX-0005AH	Type: HDC-DE-010-XX-0006AH
Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16

DE ▪ Series 10 Circuit 500V,16A

D10B-SE-4g

D10B-TE-4g

D10B-SE-4g

D10B-TE-4g

D10B-SE-2L

D10B-TE-2L

DE-010-M

DE-010-M

DE-010-M

DE-010-M

DE-010-M

DE-010-M

DE-010-F

DE-010-F

DE-010-F

DE-010-F

DE-010-F

DE-010-F

D10B-BK-2L

D10B-BK-2L

D10B-SF-2L

D10B-SF-2L

D10B-BK-4g-CV

D10B-BK-4g-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-010-XX-0011AH	Type: HDC-DE-010-XX-0012AH	Type: HDC-DE-010-XX-0013AH	Type: HDC-DE-010-XX-0014AH	Type: HDC-DE-010-XX-0015AH	Type: HDC-DE-010-XX-0016AH
Cable gland: M20,M25,PG11	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16	Cable gland: M20,M25,PG16

DE ▪ Series 16 Circuit 500V,16A

D16B-SE-2g

D16B-TE-2g

D16B-SE-2g

D16B-TE-2g

D16B-SE-2g

D16B-TE-2g

DE-016-M

DE-016-M

DE-016-M

DE-016-M

DE-016-M

DE-016-M

DE-016-F

DE-016-F

DE-016-F

DE-016-F

DE-016-F

DE-016-F

D16B-BK-1L

D16B-BK-1L

D16B-SF-1L

D16B-SF-1L

D16B-BK-1L-CV

D16B-BK-1L-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-016-XX-0001AH	Type: HDC-DE-016-XX-0002AH	Type: HDC-DE-016-XX-0003AH	Type: HDC-DE-016-XX-0004AH	Type: HDC-DE-016-XX-0005AH	Type: HDC-DE-016-XX-0006AH
Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21

DE ▪ Series 16 Circuit 500V,16A

D16B-SE-4g

D16B-TE-4g

D16B-SE-4g

D16B-TE-4g

D16B-SE-2L

D16B-TE-2L

DE-016-M

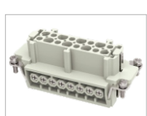
DE-016-M

DE-016-M

DE-016-M

DE-016-M

DE-016-M


DE-016-F

DE-016-F

DE-016-F

DE-016-F

DE-016-F

DE-016-F

D16B-BK-2L

D16B-BK-2L

D16B-SF-2L

D16B-SF-2L

D16B-BK-4g-CV

D16B-BK-4g-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-016-XX-0011AH	Type: HDC-DE-016-XX-0012AH	Type: HDC-DE-016-XX-0013AH	Type: HDC-DE-016-XX-0014AH	Type: HDC-DE-016-XX-0015AH	Type: HDC-DE-016-XX-0016AH
Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21

DE ▪ Series 24 Circuit 500V,16A

D24B-SE-2g

D24B-TE-2g

D24B-SE-2g

D24B-TE-2g

D24B-SE-2g

D24B-TE-2g

DE-024-M

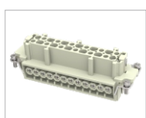
DE-024-M

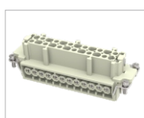
DE-024-M

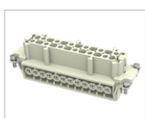
DE-024-M

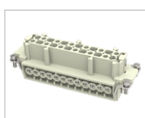
DE-024-M

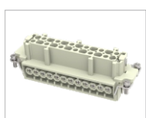
DE-024-M

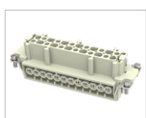

DE-024-F


DE-024-F


DE-024-F


DE-024-F


DE-024-F


DE-024-F

D24B-BK-1L

D24B-BK-1L

D24B-SF-1L

D24B-SF-1L

D24B-BK-1L-CV

D24B-BK-1L-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-024-XX-0001AH	Type: HDC-DE-024-XX-0002AH	Type: HDC-DE-024-XX-0003AH	Type: HDC-DE-024-XX-0004AH	Type: HDC-DE-024-XX-0005AH	Type: HDC-DE-024-XX-0006AH
Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21

DE ▪ Series 24 Circuit 500V,16A

D24B-SE-4g

D24B-TE-4g

D24B-SE-4g

D24B-TE-4g

D24B-SE-2L

D24B-TE-2L

DE-024-M

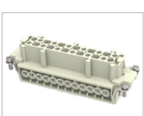
DE-024-M

DE-024-M

DE-024-M

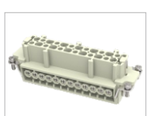
DE-024-M

DE-024-M


DE-024-F

DE-024-F

DE-024-F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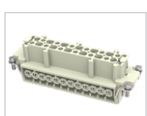

DE-024-F

DE-024-F

D24B-BK-2L

D24B-BK-2L

D24B-SF-2L

D24B-SF-2L

D24B-BK-4g-CV

D24B-BK-4g-CV

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead cover	Top-entry & bulkhead cover
Type: HDC-DE-024-XX-0011AH	Type: HDC-DE-024-XX-0012AH	Type: HDC-DE-024-XX-0013AH	Type: HDC-DE-024-XX-0014AH	Type: HDC-DE-024-XX-0015AH	Type: HDC-DE-024-XX-0016AH
Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21	Cable gland: M25,PG21

DE ▪ Series 32 Circuit 500V,16A

D32B-SE-4g

D32B-TE-4g

D32B-SE-4g

D32B-TE-4g

D32B-SE-2g

D32B-TE-2g

DE-032-M

DE-032-M

DE-032-M

DE-032-M

DE-032-M

DE-032-M

DE-032-F

DE-032-F

DE-032-F

DE-032-F

DE-032-F

DE-032-F

D32B-BK-2L

D32B-BK-2L

D32B-SF-2L

D32B-SF-2L

D32B-BK-1L

D32B-BK-1L

Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead
Type: HDC-DE-032-XX-0001AH	Type: HDC-DE-032-XX-0002AH	Type: HDC-DE-032-XX-0003AH	Type: HDC-DE-032-XX-0004AH	Type: HDC-DE-032-XX-0005AH	Type: HDC-DE-032-XX-0006AH
Cable gland: M32,PG29	Cable gland: M32,PG29	Cable gland:M32,PG29	Cable gland: M32,PG29	Cable gland: M32,PG29	Cable gland: M32,PG29

DE ▪ Series 48 Circuit 500V,16A

D48B-SE-2g

D48B-TE-2g

D48B-SE-2g

D48B-TE-2g

DE-048-M

DE-048-M

DE-048-M

DE-048-M

DE-048-F

DE-048-F

DE-048-F

DE-048-F

D48B-BK-1L

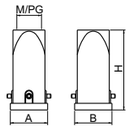
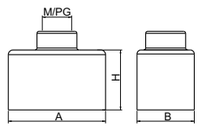
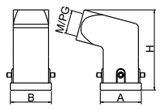
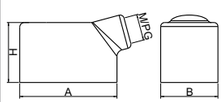
D48B-BK-1L

D48B-SF-1L

D48B-SF-1L

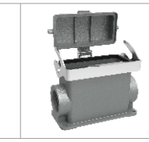
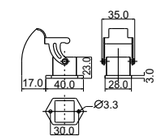
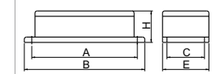
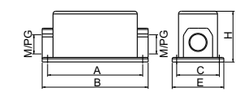
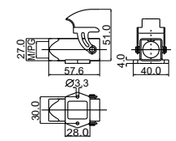
Side-entry & bulkhead	Top-entry & bulkhead	Side-entry & bulkhead	Top-entry & bulkhead
Type: HDC-DE-048-XX-0001AH	Type: HDC-DE-048-XX-0002AH	Type: HDC-DE-048-XX-0003AH	Type: HDC-DE-048-XX-0004AH
Cable gland:M32,M40,PG29	Cable gland:M32,M40,PG29	Cable gland: M32,M40,PG29	Cable gland:M32,M40,PG29

Housings Mounting Dimensions

	Top Entry			Side Entry		
1 Locking levers						
2 Locking levers						
Drawing(mm)						

Series	A	B	H	M	PG	Part number 2bolts	Part number 4bolts	A	B	H	M	PG	Part number 2bolts	Part number 4bolts
D3A	28	27	60	M20	PG11	D3A-TE-2g		28	27	54.5	M20	PG11	D3A-SE-2g	
D10A	63	29.5	47	M20	PG13.5	D10A-TE-2g		63	29.5	51.5	M20	PG13.5	D10A-SE-2g	
	63	36	67.5	M25	PG16	D10A-TEH-2g		63	36	67.5	M25	PG16	D10A-SEH-2g	
D16A	79.5	29.5	47	M20	PG13.5	D16A-TE-2g		79.5	29.5	61.5	M20	PG13.5	D16A-SE-2g	
	79.5	36	70.5	M25	PG16	D16A-TEH-2g		79.5	36	70.5	M25	PG16	D16A-SEH-2g	
D32A	82	56	79	M32	PG29		D32A-TEH-4g	82	56	60	M25	PG21		D32A-SE-4g
								82	56	79	M32	PG29		D32A-SEH-4g
D6B	60	43	40	M20	PG13.5	D6B-TE-2g		60	43	43	M20	PG13.5	D6B-SE-2g	
	60	43	72	M32	PG21	D6B-TEH-2g		60	43	72	M32	PG21	D6B-SEH-2g	
D10B	73	43	45	M25	PG16	D10B-TE-2g	D10B-TE-4g	73	43	57	M25	PG16	D10B-SE-2g	D10B-SE-4g
	73	43	72	M32	PG21	D10B-TEH-2g	D10B-TEH-4g	73	43	72	M32	PG21	D10B-SEH-2g	D10B-SEH-4g
D16B	93.5	43	45	M25	PG21	D16B-TE-2g	D16B-TE-4g	93.5	43	62.5	M25	PG21	D16B-SE-2g	D16B-SE-4g
	93.5	43	76	M32	PG29	D16B-TEH-2g	D16B-TEH-4g	93.5	43	76	M32	PG29	D16B-SEH-2g	D16B-SEH-4g
D24B	120	43	55	M32	PG21	D24B-TE-2g	D24B-TE-4g	120	43	62.5	M32	PG21	D24B-SE-2g	D24B-SE-4g
	120	43	76	M40	PG29	D24B-TEH-2g	D24B-TEH-4g	120	43	76	M40	PG29	D24B-SEH-2g	D24B-SEH-4g
D32B	94	82.5	94	M40	PG36	D32B-TE-2g	D32B-TE-4g	94	82.5	94	M40	PG36	D32B-SE-2g	D32B-SE-4g
D48B	132	90	98	M50	PG42	D48B-TE-2g		132	90	98	M50	PG42	D48B-SE-2g	

Housings Mounting Dimensions

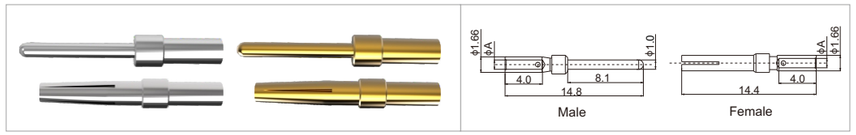
	Bulkhead Mounting				Surface Mounting		
1 Locking levers							
2 Locking levers							
Drawing(mm)							

Series	A	B	C	E	H	Part number 1 Locking levers	Part number 2 Locking levers	A	B	C	E	H	M	PG	Part number 1 Locking levers	Part number 2 Locking levers
D3A	28	40		28	23	D3A-BK-1L		30	40		57	27	M20	PG11	D3A-SF-1L	
	28	40		28	23	D3A-BK-1L-MCV										
D10A	70	81	17.5	29	26	D10A-BK-1L		48	75	40	50	52	M20	PG16	D10A-SF-1L	
D16A	86	96	17.5	29	26	D16A-BK-1L		64	80	40	50	57	M25	PG16	D16A-SF-1L	
D32A	92	102	42	56	28.5		D32A-BK-2L	94	106	46	57	82	M32	PG21		D32A-SF-2L
D6B	70	80	32	43.5	28.5	D6B-BK-1L		70	82	40	52	57	M25	PG16	D6B-SF-1L	
								70	82	45	57	74	M32	PG21	D6B-SFH-1L	
D10B	83	93	32	43.5	28.5	D10B-BK-1L		82	94	40	52	54	M25	PG16	D10B-SF-1L	D10B-SF-2L
	83	93	32	43.5	28.5		D10B-BK-2L	82	94	45	57	81	M32	PG21	D10B-SFH-1L	D10B-SFH-2L
D16B	103	113	32	43.5	28.5	D16B-BK-1L		105	117	45	57	56	M25	PG21	D16B-SF-1L	D16B-SF-2L
	103	113	32	43.5	28.5		D16B-BK-2L	105	117	45	57	81	M32	PG29	D16B-SFH-1L	D16B-SFH-2L
D24B	130	140	32	43.5	28.5	D24B-BK-1L		132	144	45	57	56	M25	PG21	D24B-SF-1L	D24B-SF-2L
	130	140	32	43.5	28.5		D24B-BK-2L	132	144	45	57	81	M25	PG21	D24B-SFH-1L	D24B-SFH-2L
D32B	110	124	65	90	33	D32B-BK-1L		112	125	67	87	90	M40	PG36	D32B-SF-1L	D32B-SF-2L
	110	124	65	90	33		D32B-BK-2L									
D48B	148	165	70	96	40	D48B-BK-1L		111	141	106	120	99	M40	PG36	D48B-SF-1L	

Crimp Contacts

(5A) Crimp contacts

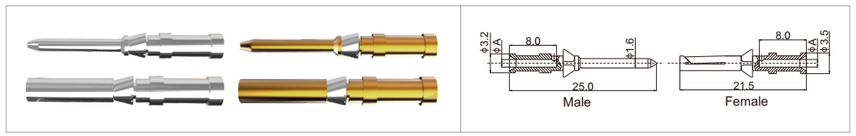
Material: Copper alloy
Contact resistance≤3mΩ
Matching: DM inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
5A-SM-0.25	5A-SF-0.25	5A-GM-0.25	5A-GF-0.25	0.64	0.09-0.25	28-24	5mm
5A-SM-0.33	5A-SF-0.33	5A-GM-0.33	5A-GF-0.33	0.9	0.25-0.33	24-22	5mm
5A-SM-0.52	5A-SF-0.52	5A-GM-0.52	5A-GF-0.52	1.12	0.33-0.52	22-20	5mm

(10A) Crimp contacts

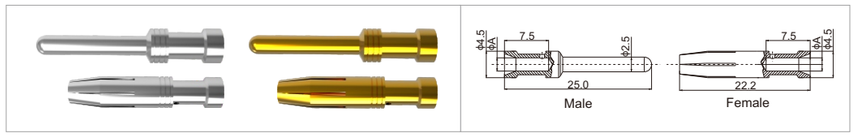
Material: Copper alloy
Contact resistance≤3mΩ
Matching:DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

(16A) Crimp contacts

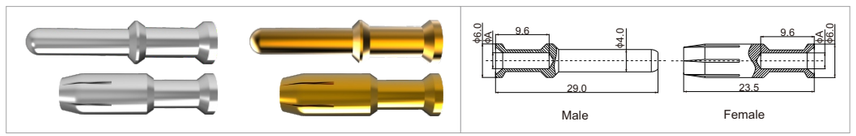
Material: Copper alloy
Contact resistance≤1mΩ
Matching:DA,DE,DEE,DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

(40A) Crimp contacts

Material: Copper alloy
Contact resistance≤0.3mΩ
Matching: DM,DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts,silver-plated		Contacts,gold plated		(ϕ A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm²)	(AWG)	
40A-SM-1.5	40A-SF-1.5	40A-GM-1.5	40A-GF-1.5	1.75	1.50	16	9.0mm
40A-SM-2.5	40A-SF-2.5	40A-GM-2.5	40A-GF-2.5	2.25	2.50	14	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	2.85	4.0	12	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	3.50	6.0	10	9.5mm

Cable Connector Part Number Guidelines

Surtable for standard cable connector specifications

Wire gauge	Number of pins	Cable diameter range Ø	M	PG
0.5mm² AWG20	4	6.7-9.7	20	11,13.5
	6	7.6-10.6	20	11,13.5
	10	9.4-12.8	20,25	13.5,16
	16	10.7-13.9	20,25	16,21
	24	13.5-16.7	25	21
	35	16-18.6	25,32	21,29
	40	16.6-19.2	25,32	21,29
	61	20.3-23.1	32	29

Wire gauge	Number of pins	Cable diameter range Ø	M	PG
1.5mm² AWG16	4	9.7-11.8	20	11,13.5
	6	10.8-14.2	20,25	13.5,16
	11	13.6-16.8	25	21
	16	15.8-18.4	25,32	21,29
	25	20.2-23	32	29
	32	23.8-24.5	32,40	29,36
	42	25.8-29	40	36
	61	28.6-31.8	40,50	36,42

Wire gauge	Number of pins	Cable diameter range Ø	M	PG
0.75mm² AWG18	4	7.9-10.3	20	11,13.5
	6	8.9-12.3	20,25	13.5,16
	10	10.4-13.8	20,25	16,21
	18	13-16.2	25	21
	25	15.9-18.5	25,32	21,29
	32	17.1-19.7	25,32	21,29
	40	19-21.4	32	29
	50	21.3-24.1	32	29
	61	22.6-25.4	32,40	29,36

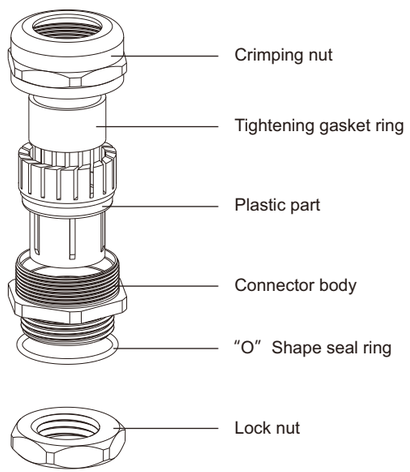
Wire gauge	Number of pins	Cable diameter range Ø	M	PG
2.5mm² AWG14	4	11.7-14.4	20,25	11,13.5
	6	13.6-16.7	25	13.5,16
	11	18-20.6	25,32	21
	16	20.6-23.4	32	21,29
	25	26.4-29.6	40	29
	34	31.3-33.1	50	29,36
	50	37-39.4	50	36
	61	39-41.5	63	36,42

Wire gauge	Number of pins	Cable diameter range Ø	M	PG
1.0mm² AWG16-18	4	8.4-10.7	20	11,13.5
	6	9.2-12.6	20,25	13.5,16
	10	11-14.4	20,25	16,21
	16	13-16.2	25	21
	24	16.5-19.1	25,32	21,29
	34	19.4-21.8	32	29
	48	22-24.8	32	29
	61	24.5-27.2	32,40	29,36

Wire gauge	Number of pins	Cable diameter range Ø	M	PG
4.0mm² AWG10-12	2	10.7-14.1	20,25	13.5,16
	4	13-16.4	25	21
	5	14.3-17.7	25,32	21,29
	7	16.2-19.6	25,32	21,29
	11	Approx.24.5	40	36

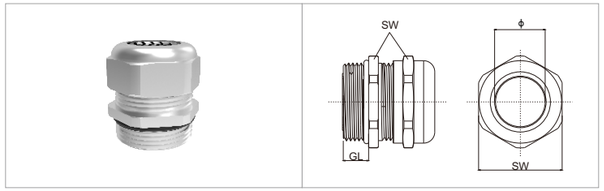
Cross reference form PG thread to Metric thread

PG	Metric
PG 11	M20
PG 13.5	
PG 16	
PG 21	M25
PG 29	M32
PG 36	M40
PG 42	M50
PG 48	M63



Cable Glands

Metal cable gland
Material: Brass nickel plated
Seal material: NBR
Degree of protection: IP68
Press seal material: PA
Temperature range: -40~100℃

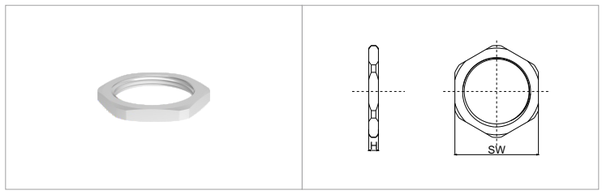


Unit:mm

PG thread	Clamp range(ϕ)	SW	GL	Type
PG7	3-6.5	14	6	DDL-PG7M
PG9	4-8	17	7	DDL-PG9M
PG11	5-10	20	8	DDL-PG11M
PG13.5	6-12	22	8	DDL-PG13.5M
PG16	8-14	24	8	DDL-PG16M
PG21	13-18	30	8	DDL-PG21M
PG29	18-25	40	9	DDL-PG29M
PG36	22-32	50	10	DDL-PG36M
PG42	31-38	58	10	DDL-PG42M
PG48	37-44	64	12	DDL-PG48M

Metric	Clamp range(ϕ)	SW	GL	Type
M12x1.5	3-6.5	14	6	DDL-M12M
M16x1.5	5-10	18	7	DDL-M16M
M20x1.5	6-12	22	8	DDL-M20M
M25x1.5	13-18	30	8	DDL-M25M
M32x1.5	18-25	40	9	DDL-M32M
M40x1.5	22-32	50	10	DDL-M40M
M50x1.5	30-38	58	10	DDL-M50M
M63x1.5	37-44	68	12	DDL-M63M

Metal lock nut
Material: Brass nickel plated
Temperature range: -40~100℃



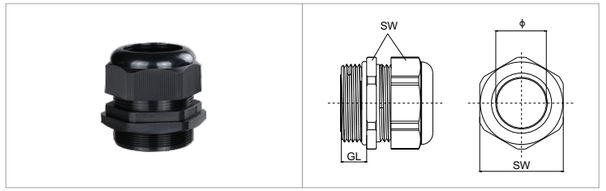
Unit:mm

PG thread	Thickness(H)	SW		Type
PG7	2.5	14		DLM-PG7M
PG9	2.8	18		DLM-PG9M
PG11	3.0	20		DLM-PG11M
PG13.5	3.0	22		DLM-PG13.5M
PG16	3.0	24		DLM-PG16M
PG21	3.5	31		DLM-PG21M
PG29	4.0	40		DLM-PG29M
PG36	5.0	52		DLM-PG36M
PG42	5.0	58		DLM-PG42M
PG48	5.5	64		DLM-PG48M

Metric	Thickness(H)	SW		Type
M12x1.5	2.5	14		DLM-M12M
M16x1.5	2.8	18		DLM-M16M
M20x1.5	3.0	22		DLM-M20M
M25x1.5	3.0	27		DLM-M25M
M32x1.5	3.5	35		DLM-M32M
M40x1.5	4.5	43		DLM-M40M
M50x1.5	5.0	55		DLM-M50M
M63x1.5	5.5	68		DLM-M63M

Cable Glands

Plastics Cable gland
Material: Nylon
Seal material: NBR
Degree of protection: IP68
Press seal material: PA
Temperature range: -40~100℃

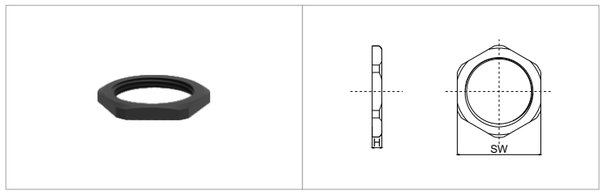


Unit:mm

PG thread	Clamp range(ϕ)	SW	GL	Type
PG7	3-6.5	15	9.0	DDL-PG7P
PG9	4-8	19	9.0	DDL-PG9P
PG11	5-10	22	9.0	DDL-PG11P
PG13.5	6-12	24	9.0	DDL-PG13.5P
PG16	7-12	27	10	DDL-PG16P
PG21	13-18	33	12	DDL-PG21P
PG29	18-25	42	12	DDL-PG29P
PG36	22-32	52	16	DDL-PG36P
PG42	32-38	59	18	DDL-PG42P
PG48	37-44	64	15	DDL-PG48P

Metric	Clamp range(ϕ)	SW	GL	Type
M12x1.5	3-6.5	15	9	DDL-M12P
M16x1.5	4-8	19	9	DDL-M16P
M20x1.5	6-12	24	9	DDL-M20P
M25x1.5	11-15	32	12	DDL-M25P
M32x1.5	16-21	35	12	DDL-M32P
M40x1.5	22-32	51	16	DDL-M40P
M50x1.5	32-38	60	18	DDL-M50P
M63x1.5	37-44	65	15	DDL-M63P

Plastics lock nut
Material: Nylon
Temperature range: -40~100℃



Unit:mm

PG thread	Thickness(H)	SW		Type
PG7	4.5	18		DLM-PG7P
PG9	4.5	22		DLM-PG9P
PG11	5.0	24		DLM-PG11P
PG13.5	5.0	27		DLM-PG13.5P
PG16	5.5	30		DLM-PG16P
PG21	6.0	35		DLM-PG21P
PG29	7.0	45		DLM-PG29P
PG36	8.0	58		DLM-PG36P
PG42	8.0	65		DLM-PG42P
PG48	8.0	70		DLM-PG48P

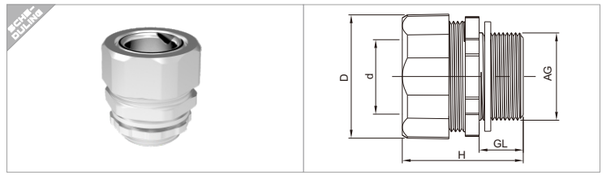
Metric	Thickness(H)	SW		Type
M12x1.5	4.5	18		DLM-M12P
M16x1.5	5.0	22		DLM-M16P
M20x1.5	5.0	27		DLM-M20P
M25x1.5	5.2	33		DLM-M25P
M32x1.5	6.0	38		DLM-M32P
M40x1.5	8.0	52		DLM-M40P
M50x1.5	8.0	60		DLM-M50P
M63x1.5	8.0	73		DLM-M63P

Cable Glands

Outer thread tube connector

Material: Zinc alloy, Zinc plated or Chromium plated

Specialty: one end is connector to flexible, the other thread end connected to switch chest or equipment, the structure iscompact, the surface is a ntirotten



Unit:mm

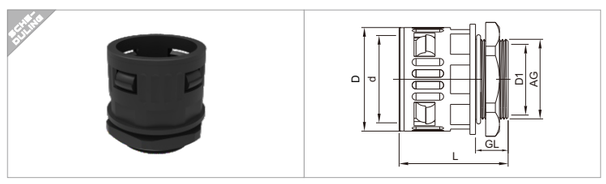
PG thread	Fits tubing size(d)	GL	D	H	Type
PG9	10	8.5	26	30	DBL-PG9M
PG11	12	10.5	27.5	32	DBL-PG11M
PG13.5	15	11.5	31.5	34	DBL-PG13.5M
PG16	15	12.5	32	34	DBL-PG16M
PG21	20	13.5	38	37	DBL-PG21M
PG29	25	15	45.5	44	DBL-PG29MS
PG29	32	14	55	52	DBL-PG29M
PG36	38	17	62	51	DBL-PG36M
PG42	38	17	62	51	DBL-PG42M
PG48	51	19	77.5	56	DBL-PG48M

Metric	Fits tubing size(d)	GL	D	H	Type
M16x1.5	8	8	24	28	DBL-M16MS
M16x1.5	10	8	25.5	30	DBL-M16M
M20x1.5	12	10	27.5	32	DBL-M20M
M25x1.5	20	12	37.5	37	DBL-M25M
M32x1.5	20	12.5	37.5	37	DBL-M32MS
M32x1.5	25	15	46	41	DBL-M32M
M36x2.0	25	13	45	44	DBL-M36M
M40x1.5	32	15	55	47	DBL-M40M

Quick tube connector

Material: Nylon 6

Temperature range: -40~120℃



Unit:mm

PG thread	Fits tubing size(d)	GL	D1	D	H	Type
PG7	AD10.0	9.5	7.5	17.0	34.5	DCP-PG9P
PG9	AD13.0	9.5	11.5	20.0	34.5	DCP-PG9P
PG11	AD15.8	9.5	14.0	23.0	36.0	DCP-PG11P
PG13.5	AD18.5	11.0	16.0	26.0	39.0	DCP-PG13.5P
PG16	AD21.2	13.0	18.0	29.5	44.0	DCP-PG16P
PG21	AD28.5	13.0	23.5	37.0	47.0	DCP-PG21P
PG29	AD34.5	11.5	30.5	43.5	47.0	DCP-PG29P
PG36	AD42.5	13.5	40.0	51.0	52.0	DCP-PG36P

Metric	Fits tubing size(d)	GL	D1	D	H	Type
M12x1.5	AD10.0	10.0	8.0	17.0	34.5	DCP-M12P
M16x1.5	AD13.0	9.5	11.5	20.0	34.5	DCP-M16P
M18x1.5	AD15.8	9.5	14.0	23.0	36.0	DCP-M18P
M20x1.5	AD18.5	11.0	16.0	26.0	39.0	DCP-M20PS
M20x1.5	AD21.2	13.0	15.0	29.5	44.0	DCP-M20P
M25x1.5	AD21.2	13.0	18.0	29.5	44.5	DCP-M25PS
M25x1.5	AD28.5	13.0	20.5	37.0	47.0	DCP-M25P
M32x1.5	AD28.5	13.0	24.0	37.0	47.0	DCP-M32P
M40x1.5	AD34.5	11.0	30.0	43.5	48.0	DCP-M40PS
M40x1.5	AD42.5	13.5	33.5	51.0	52.0	DCP-M40P
M50x1.5	AD54.5	13.5	42.5	63.5	53.5	DCP-M50P
M63x1.5	AD54.5	14.0	55.0	63.5	53.5	DCP-M635P

Tools

Crimping tool
Wire gauge:(TL1)0.14~4.0mm²
Order NO:TL1-4.0

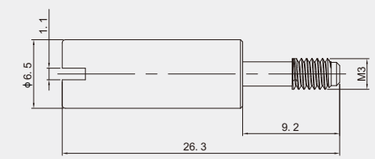
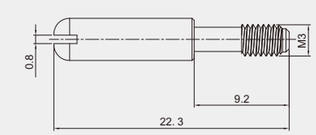
Removal tool (10A)
Matching:DD,DDD,DM
Order NO:RT-10A

Removal tool (16A)
Matching:DEE,DM
Order NO:RT-16A

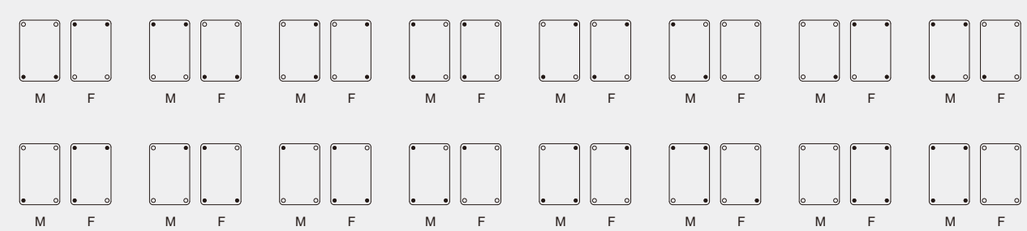
Removal tool (40A)
Matching:DM
Order NO:RT-40A

Coding

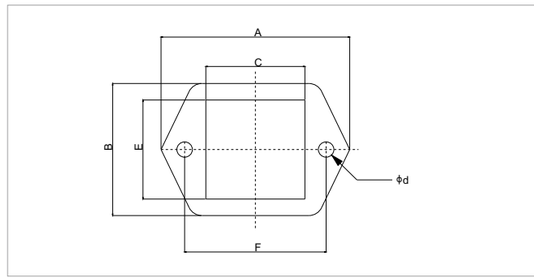
Coding system with guide pins bushes

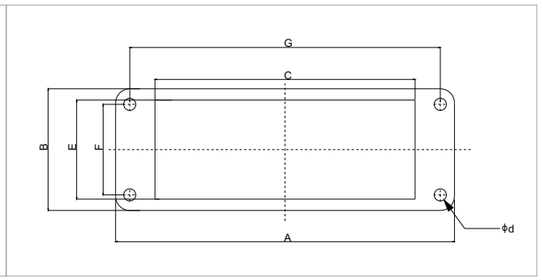
Guide bush	Type	Dimension
	DBM1-DCRF-M3-00AH	
	DBM1-DCRM-M3-00AH	

For hoods housings with one insert one frame

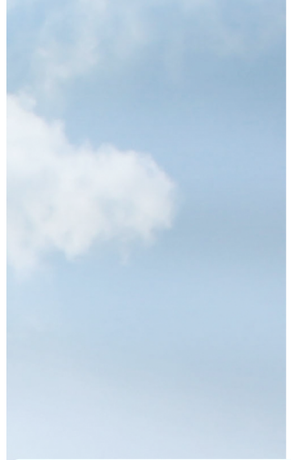


Housings Mounting Dimensions





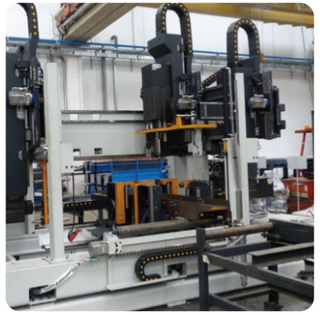
Housings type	Mounting type	Dimensions(mm)						
		A	B	C	E	F	G	ϕD
D3A	Bulkhead	40	28	21	21	30	-	3.3
	Suface	40	28	-	-	30	-	3.3
D10A	Bulkhead	81	29.5	57.5	24	17.5	70	3.6
	Suface	80	50	-	-	40	48	4.5
D16A	Bulkhead	96	29.5	73.7	24	17.5	86	3.6
	Suface	96	50	-	-	40	64	4.5
D32A	Bulkhead	102	56	74.2	48.4	42	92	4.3
	Suface	106	57	-	-	46	94	5.5
D6B	Bulkhead	80	43	52.2	35	32	70	4.3
	Suface	82	52	-	-	40	70	5.5
D10B	Bulkhead	93	43	65.2	35	32	83	4.3
	Suface	94	52	-	-	40	82	5.5
D16B	Bulkhead	113	43	85.5	35	32	103	4.3
	Suface	117	57	-	-	45	105	5.5
D24B	Bulkhead	140	43	112.2	35	32	130	4.3
	Suface	144	57	-	-	45	132	5.5
D32B	Bulkhead	124	79	85.5	71	65	110	5.5
	Suface	124.5	81	-	-	67	112	5.5
D48B	Bulkhead	165	90	124	82	70	148	7
	Suface	132	120	-	-	106	111	6.5



FIELD OF APPLICATION

DEGSON connectors are widely used in hot runner mold, robot, industrial automation, CNC equipment, textile machinery, rail transit, electric power industry, energy, wind power generation and so on various equipments requiring electrical and signal connection; it can meet electrical or signal connection requirement of different fields and situations.

Transportation technology



CNC equipment

Rail transit

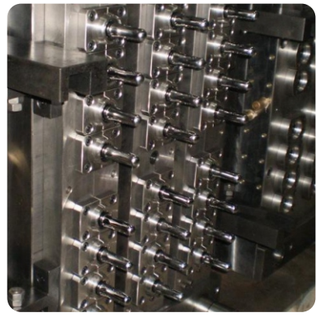
Industrial automation

Energy

Robot

Electric power

Hot runner mold



RoHS COMPLIANT

ENVIRONMENTAL POLICY

DEGSON realizes system regulation without lead in 2005 and has been granted ISO14001 in 2006. All the products conform to the European ROHS requirement.

DEGSON realizes the importance to protect environment resources, selfconsciously meets environment protection requirements for products and regardsit as the responsibility.

Thus, we have made the following environment strategic policy:

1. To meet customers'demands and obey the national and local laws and regulations as well as other environmental protection requirements.
2. Take environmental protection as one criterion for continuing development of our company. Insist on fully development of quality, benefit and environ mental protection.
3. Fully considering the factors which will influence the environment in the processes of product development, manufacturing, material usage and waste processing, establish management system of waste in order to improve the environment of our company.
4. To increase the employees' consciousness of environmental protection through training and to realize the continuing improvement of environment management system and the ability of environmental protection.
5. To make full use of resources and to decrease consumption of material in order to save energy.
6. To promise to our partners and society that we will make contribution to environment protection. There is only one Earth for our humanity.
7. To strive for making conservation-oriented and environment-friendly products through continuous innovation and developing new materials and technology.