CERTIFICATE OF COMPLIANCE

Certificate Number	20121012-E98133
Report Reference	E98133-19841127
Issue Date	2012-OCTOBER-12

Issued to: EVEREL GROUP SPA
VIA CAVOUR 9
37067 VALEGGIO SUL MINCIO VR ITALY

This is to certify that representative samples of COMPONENT - SWITCHES, SPECIAL USE
See Addendum Page

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1054 and CAN/CSA-C22.2 No. 55
Special Use Switches

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: 𝕽𝕷, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada: 𝕽𝕷 and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Cat No. 81 w prefix SX f/b 2 digits f/b 1, 3, 4, 5, 6, A, B f/b 8 f/b 8 digits.
Cat No. 81 w prefix SX f/b 2 digits f/b 6 f/b B f/b 8 digits.
Cat No. 81 w prefix SX f/b 2 digits f/b 6 f/b C f/b 8 digits.
Cat No. 8A w prefix SX f/b 2 digits f/b 1, 3, 4, 5, 6, A, B f/b 8 f/b 8 digits.
Cat No. 8A w prefix SX f/b 2 digits f/b 6 f/b B f/b 8 digits.
Cat No. 8A w prefix SX f/b 2 digits f/b 6 f/b C f/b 8 digits.
Cat No. 82 w prefix SX f/b 2 digits f/b 1, 2, 3, 4, 7, 8, L, M, T, V, P, W f/b 8 or X f/b 8 digits.
Cat No. 82 w prefix SX f/b 2 digits f/b 5, 9 f/b 8 f/b 8 digits.
Cat No. 82 w prefix SX f/b 2 digits f/b E f/b 8 f/b 8 digits.
Cat No. 82 w prefix SX f/b 2 digits f/b 3, 6, 8, P, T, V, W f/b B f/b 8 digits.
Cat No. 82 w prefix SX f/b 2 digits f/b 8, T, W f/b C f/b 8 digits.
Cat No. SX82212XXX0000C6, SX82217XXX0000C6.
Cat No. 83 w prefix SX f/b 1 digit f/b 1, 3, 4, 6, B, D, E, F, G, W f/b 8 or X f/b 9 digits.
Cat No. 83 w prefix SX f/b 1 digit f/b 6, F, W f/b B f/b 9 digits.
Cat No. 83 w prefix SX f/b 1 digit f/b 6 f/b C f/b 9 digits.
Cat No. 83 w prefix SX f/b 1 digit f/b K f/b 8 f/b 9 digits.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

DESCRIPTION

PRODUCT COVERED:

USR, CNR, Special-Use Switches, Component.

Cat. No	Electrical Rating	Temp Deg C	POL/ THR	PP	END	SPCOA
81 w prefix SX f/b 2 digits f/b 1, 3, 4, 5, 6, A, B f/b 8 f/b 8 digits	16 A, 250 V ac, 3/4 hp 20 A, 125 V ac, 3/4 hp	105	1/1,2	pp	6K	3, A1, A2
81 w prefix SX f/b 2 digits f/b 6 f/b B f/b 8 digits	16 A, 250 V ac, 3/4 hp	105	1/1	--	6K	3, A1, A2
81 w prefix SX f/b 2 digits f/b 6 f/b C f/b 8 digits	20 A, 125 V ac, 3/4 hp	105	1/1	--	6K	3, A1, A2
8A w prefix SX f/b 2 digits f/b 1, 3, 4, 5, 6, A, B f/b 8 f/b 8 digits	16 A, 250 V ac, 3/4 hp 20 A, 125 V ac, 3/4 hp	105	1/1,2	pp	6K	3, A1, A2
8A w prefix SX f/b 2 digits f/b 6 f/b B f/b 8 digits	16 A, 250 V ac, 3/4 hp	105	1/1	--	6K	3, A1, A2
8A w prefix SX f/b 2 digits f/b 6 f/b C f/b 8 digits	20 A, 125 V ac, 3/4 hp	105	1/1	--	6K	3, A1, A2
82 w prefix SX f/b 2 digits f/b 1, 2, 3, 4, 7, 8, L, M, T, V, P, W f/b 8 or X f/b 8 digits	16 A, 250 V ac, 3/4 hp 20 A, 125 V ac, 3/4 hp	105	1,2/1,2	pp	6K	3, A1, A2
82 w prefix SX f/b 2 digits f/b 5, 9 f/b 8 f/b 8 digits	16 A, 250 V ac, 3/4 hp 16 A, 125 V ac, 3/4 hp	105	1,2/1,2	pp	6K	3, A1, A2
82 w prefix SX f/b 2 digits f/b E f/b 8 f/b 8 digits	12 A, 250 V ac, 1/4 hp 15 A, 125 V ac, 1/4 hp	105	1,2/1,2	pp	6K	3, A1, A2
82 w prefix SX f/b 2 digits f/b 3, 6, 8, P, T, V, W f/b B f/b 8 digits	16 A, 250 V ac, 3/4 hp	105	1,2/1,2	pp	6K	3, A1, A2
82 w prefix SX f/b 2 digits f/b 8, T, W f/b C f/b 8 digits	20 A, 125 V ac, 3/4 hp	105	1,2/1,2	pp	6K	3, A1, A2
SX82212XXX0000C6 SX82217XXX0000C6	3/4 hp 125 Vac 250 Vac	100	2/1	--	6K	3
83 w prefix SX f/b 1 digit f/b 1, 3, 4, 6, B, D, E, F, G, W f/b 8 or X f/b 9 digits	16 A, 250 V ac, 3/4 hp 20 A, 125 V ac, 3/4 hp 100 mA, 5 V dc	65/105 note 1	1,2/1,2	pp	6K	3, A1, A2
83 w prefix SX f/b 1 digit f/b 6, F, W f/b B f/b 9 digits	16 A, 250 V ac, 3/4 hp 100 mA, 5 V dc	65/105 note 1	1,2/1,2	pp	6K	3, A1, A2
83 w prefix SX f/b 1 digit f/b 6 f/b C f/b 9 digits	20 A, 125 V ac, 3/4 hp 100 mA, 5 V dc	65/105 note 1	1,2/1,2	pp	6K	3, A1, A2
83 w prefix SX f/b 1 digit f/b K f/b 8 f/b 9 digits	16 A, 250 V ac, 3/4 hp 16 A, 125 V ac, 3/4 hp 100 mA, 5 V dc	65/105 note 1	1,2/1,2	pp	6K	3, A1, A2

Note: temperature rating is 105°C. However, the temperature rating is limited to 65°C when a led is employed.

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SPECIAL CONDITIONS OF ACCEPTABILITY

General - One or more of the following Conditions of Acceptability apply as indicated in the Product Covered table on Page 1 of this Report under the SPCOA (Special COA's) column.

1. The nonstandard quick-connect tabs (i.e., other than noted in Table 7.1 of UL 1054) have been investigated with a specific nonstandard connector attached to wires of a specified size.

2. These are lighted switches employing a lamp. The lamp life should be evaluated when required by the end-use product Standard.

3. The switch has openings in the housing adjacent to arcing parts. The end-use application may involve environments (such as excessive dust or adjacent combustible material) that would exclude an opening in the switch housing.

4. These are diaphragm activated water level switches. Samples of the diaphragm have been subjected to aging tests for use at a specific temperature (shown within parenthesis in °C) and have also been examined for tensile strength and elongation after exposure to detergent. However, if the switch is mounted below the level of water which indirectly actuates it and the switch has an integral metal case, the metal case is to be considered a live part.

5. These are speed control switches. The investigation was limited to the switching function of the switch. In the final application it should be determined that the speed control circuit can be used with a particular appliance without resulting in a hazardous condition such as overheating of a motor or the switch in other than the full speed position. Open and shorted components of the speed control circuit shall be evaluated for compliance with the end-use Standard.

6. The switch employs screw-type pressure wire connectors or push-in terminals. These have been evaluated for use with solid and/or solder dipped stranded conductors of a specified size (shown within parenthesis in AWG).

7. These switches employ an integral potentiometer. The investigation was limited to the switching function of the switch. The insulating materials and spacings of the integral potentiometer should be investigated for compliance with the end-use product Standard.

8. The switch employs auxiliary contacts located externally of the main switch contact chamber. The auxiliary contacts were not tested as part of this investigation. The suitability of the auxiliary contacts must be determined in accordance with the end product Standard.

A1. These switches may or may not employ a lamp. If a lamp is employed the lamp life should be evaluated when required by the end-use product Standard.

A2. These switches may be provided with a rubber protection for dust when mounted on external flat surface of the end use equipment. When the rubber is provided the maximum ambient temperature for the rubber part shall be 50 °C. See Ill 5 for details. The rubber was not evaluated as gasket use with water or other liquid.