File E98133 Vol. 1

Sec. 48 and Report Page 1

Issued: 2006-01-31

Revised: 2014-04-30

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component - Special-Use Switches

Cat. No.	Electrical Rating	Temp Deg C	POL/THR	PP	ENDUR	SPCOA
TOUCH f/b 2 or 4, f/b A, B, C or D, f/b 1, 2, 3, 4, 7, A, B, C, D, E, F, G, H, K, L, M, N, P, R, S, T, V or W, f/b 2,3, f/b 3 digit	6 A 125 Vac	65°C	1,2/1,2	PP	6000	3

EXPLANATION OF PRODUCT COVERED TABLE:

Abbreviations f/b -

followed by

i f

with or without

ww/o -Res. used Resistive load. 98-100 percent power factor.

POL/THR - No. of Poles/No. of Throws. "M" stands for Multi-Pole or Multi-Throw, e.g. 2/M indicates 2 Pole, Multi-Throw.

"PP" stands for Per Pole. PP in this column indicates that each pole is capable of switching the rated current.

ENDUR -Endurance Rating

SPCOA -Special Conditions of Acceptability; the applicable special COAs are indicated in this column in number form. The corresponding COAs are given in the following pages.

GENERAL:

The devices covered by this Report are double-pole, single throw, special use switches.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

Use - The switches covered by this Report are for use only in complete equipment where the suitability of the combination is determined by Underwriters Laboratories Inc.

USR - Indicates investigated to United States Standard for Special-Use Switches, UL1054 (Sixth Edition)

CNR - Indicates investigated to Canadian National Standard for Special Use Switches, C22.2 N°55-M1986 (R1992)

Note: USR = United States Standards - Recognized CNR = Canadian National Standards - Certified as Component File E98133 Vol. 1 Sec. 48 Page 4 Issued: 2006-01-31 and Report

SPECIAL CONDITIONS OF ACCEPTABILITY

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

- 1. The non-standard quick-connect tabs (i.e. other than noted in Table 9.1 of UL 1054) have been investigated with a specific non-standard 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 may or may not employ a neon lamp and resistor. The lamp life should be evaluated when required by the end-use product standard.

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference 20140506-E98133 E98133-20060131

Issue Date

2014-MAY-06

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

Cat. No; TOUCH f/b 2 or 4.

f/b A, B, C or D,

f/b 1, 2, 3, 4, 7, A, B, C, D, E, F, G, H, K, L, M, N, P, R, S, T, V or W,

f/b 2,3, f/b 3 digit

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety:

UL1054: Standard for Special-Use Switches

C22.2 N°55-M1986: Standard for 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: NI, 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: NI 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, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

