DESCRIPTION

GENERAL:

Section General of this Procedure file must be used as a supplement to this descriptive section. It contains information describing requirements for components and construction for products described in this section.

PRODUCT COVERED:

Component - Special Use Switches (USR and CNR)

Cat. No.	Electrical Rating	Temp. °C	POL/THR	PP	ENDUR	SPCOA
GP f/b 1-9, or A, C, f/b 1 or 6, f/b **H**, f/b any letters	12 A, 250 V ac 15 A, 125 V ac	65	1/1	-	6K	2, 3
GP f/b 1-9, or A, C, f/b 2 or 8, f/b **H**, f/b any letters	12 A, 250 V ac 15 A, 125 V ac	65	2/1	-	6K	2, 3
GP f/b 1-9, or A, C, f/b 1 or 6, f/b A, f/b any letters	**12 A, 250 V ac 15 A, 125 V ac**	**105**	**1/1**	-	**6K**	**2, 3**
GP f/b 1-9, or A, C, f/b 2 or 8, f/b A, f/b any letters	**12 A, 250 V ac 15 A, 125 V ac**	105	2/1	-	6K	**2**, 3
GP f/b 1-9 or A, C, f/b 1 or 6, f/b 3, f/b any letters	8 A, 250 V ac 10 A, 125 V ac	65	1/1	-	6K	2, 3
GP f/b 1-9 or A, C, f/b 2 or 8, f/b 3, f/b any letters	8 A, 250 V ac 10 A, 125 V ac	65	2/1	-	6K	2, 3
GP12H1900M16 **and** **GP92H1100M16.**	12 A, 250 V ac 15 A, 125 V ac	65	2/1	-	6K	2
GP12A1900M16 and GP92A1100M16.	**12 A, 250 V ac 15 A, 125 V ac**	**105**	**2/1**	-	**6K**	**2**

CONSTRUCTION DETAILS:

Corrosion Protection - All ferrous metal parts are protected against corrosion by plating, painting, galvanizing or equivalent.

Spacings - Spacings between uninsulated live-metal parts of opposite polarity and also those parts and dead-metal parts including openings for mounting screws are not less than 3/64 in. (1.2 mm) through air or over surface for switches rated 250 V or less. Or not less than 1/8 in. (3.2 mm) for switches rated 251 V or greater unless noted.

Marking - Recognized Company's name or trademark, electrical ratings and catalog number.

General:

- The devices covered by this Report are illuminated and non-illuminated single pole, single-throw and double pole, single throw, same polarity special use switches
- Each switch is constructed in accordance with the following photographs and descriptive pages. The construction details comply with the requirements of the Standard for Special-Use Switches (UL 1054 Fourth Edition).

ENGINEERING CONSIDERATION (NOT FOR FIELD REPRESENTATIVE'S 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.

STANDARD CONDITIONS OF ACCEPTABILITY

General - The following five Conditions of Acceptability apply to all switches covered by this Report.

1. The switch terminals have been investigated for use only with copper wire or copper alloy quick-connect terminals.

2. A standard size quick-connect tab (per Table 7.1 of UL 1054) is to be mated with the appropriate standard size quick-connect connector. The tab is provided with a detent that shall be properly matched to the connector.

3. The spacing between any terminals and a flat mounting surface has been judged in accordance with UL 1054 (Special-Use Switches). However, the spacing requirements between the connection when installed on the terminal and the mounting surface shall comply with the end-use standard spacings.

4. For switches with integral leads, the temperature rating of the leads is 60°C minimum unless the leads are surface marked with a higher rating.

5. The switch has been subjected to a minimum 6000 Cycle Endurance Test.

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 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.