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Underwriters Laboratories Inc.,

File E36479
Project S1ME3252

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REPORT

on

COMPONENT - SWITCHES, SPECIAL USE

Burgess Micro Switch Co., Ltd.
Dukes Way, Team Valley
Gateshead 11, England

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Lib/E36479-PC

An independent,
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testing for public safety

D E S C R I P T I O NPRODUCT COVERED:

Special-Use Switches, Component

<u>Cat. No.</u>	<u>Temperature Ratings, °C</u>	<u>Electrical Ratings</u>	<u>POL/THR</u>	<u>PP</u>	<u>ENDUR</u>	<u>SPCOA</u>
BVM f/b F, FJ, SP, SJ, -A2, Y, YR, Y1, Y2, Y3, YR1, GP or TP f/b UL	65	10 A, 250 V ac; 0.5 hp, 125/250 V ac	1/1	-	6000	-
BVM3 f/b F, FJ, SP, SJ, -A2, Y, YR, Y1, Y2, YR1, GP, or TP f/b UL	65	10 A, 250 V ac; 0.5 hp, 125/250 V ac	1/1	-	6000	-
BVM f/b F, FJ, SP, SJ, -A2, Y, YR, Y1, Y2, Y3, YR1, GP or TP f/b ULS	65	10 A, 250 V ac; 0.5 hp, 125/250 V ac	1/1	-	100000	-
BVM3 f/b F, FJ, SP, SJ, -A2, Y, YR, Y1, Y2, Y3, YR1, GP or TP f/b ULS	65	10 A, 250 V ac; 0.5 hp, 125/250 V ac	1/1	-	100000	-

EXPLANATION OF ABBREVIATION:

f/b	Followed by.
POL/THR	Number of poles/number of throw.
PP	Indicates each pole is capable of switching the full rated current.
ENDUR	Number of Endurance Test operating cycles for which the switch has been tested.
SPCOA	Special Conditions of Acceptability. Refer to SPCOA below if it is noted in this column.

SUFFIXES:

F	Denotes quick-connect terminals of nominal 6.4 mm wide by 0.8 mm thick by 7.8 mm long (0.25 by 0.032 by 0.307 inches).
FJ	Denotes quick-connect terminals of nominal 4.7 mm wide by 0.5 mm thick by 6.2 mm long (0.187 by 0.032 by 0.245 inches).
TP	Denotes external actuator mounted with angle bracket as shown in Fig. 2.
ULS	Denotes switches that are rated for 100000 c of endurance operation.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use in appliances where the acceptability of the combination is determined by Underwriters Laboratories Inc.

STANDARD CONDITIONS OF ACCEPTABILITY

General - The following Conditions of Acceptability shall be considered, if applicable.

1. The switch terminals have been investigated for use only with copper wires or copper alloy quick-connect connectors.
2. Standard size quick-connect connector tab shall mate with appropriate size quick-connect connectors.
3. Inherent spacing within the switch has been determined according to standard for Special Use Switch, UL 1054. Spacing between installed terminals of the switch and live or dead metal parts in the end-use product shall be judged according to end-use product requirements.
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 tested for minimum 6000 cycle of Endurance Test.
6. The switch is intended to be used in ambient temperature as indicated above.