

File E160730
Project 4789831365

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REPORT

On

AUXILIARY DEVICES - COMPONENT

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Valence, FR

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DESCRIPTION:

PRODUCTS COVERED:

USR,CNR - Auxiliary Devices - Series PBX2, Model nos. 8325 followed by 0, 2, 4, or 5, followed by a digit, followed by 0, 1, 2, 3, 4, 5, 6, 8, or 9, followed by a digit 1-5.

GENERAL:

These products are single-pole-double throw switches.

RATINGS:

ELECTRICAL:

Model	PD Code	V	Switching Current A	Load Type	Non-Switching Current A	NO	NC	Ambient C
8325 (PBX2)	B300	120VAC	3.0	Pilot Duty	10	X	X	85
		240VAC	1.5					
	Q150	125VDC	0.55					

NOMENCLATURE BREAKDOWN:

8325	0	0	0	0
I	II	III	IV	V

I	Series Name	
	8325	Main Series (PBX2)
II	Version	
	0	Standard Silver alloy
	2	High strength Silver alloy
	4	Dual current Silver alloy, gold
	5	Dual current - high strength - Silver alloy, gold
III	Degree of Protection (Not Certified)	
	X	Any digit
IV	Termination Means	
	0	W3 Quick Connects
	1	W3/90B Quick Connects
	2	W5 Screw-type
	3	W5/IP20 Screw-type
	4	W5/SV (without screw) Screw-type
	5	W1 Screw-type
	6	CAGE CLAMP Cage Clamp
	8	FGD0 Leads
	9	FB0 Leads
V	Accessories (Not Certified)	
	X	Digit between 1-5

CONDITIONS OF ACCEPTABILITY:

1. The terminals have not been evaluated for field wiring.

Technical Considerations (Not for field representative's use):

USR indicates investigation to United States Standard UL 60947-1, 60947-5-1

CNR Indicates investigation to Canadian National Standard C22.2 No. 60947-1, 60947-5-1

Note: USR = United States Standards Recognized

CNR = Canadian Standards Recognized

CONSTRUCTION DETAILS:

General - The details of construction are covered in the following photographs and accompanying descriptive pages and illustrations.

Corrosion Protection - All parts are constructed of corrosion resistant materials or are painted or plated as corrosion protection.

Tolerances - Tolerances are nominal unless otherwise specified.

Sharpness of Edges - All edges and corners of the frame, enclosure, guards, etc. exposed during normal use or maintenance or that may be contacted by internal wiring are smooth and well rounded.

Bonding - All dead-metal parts likely to become energized and exposed to a serviceman or operator during normal use or servicing are conductively bonded to the equipment ground connection. The discreet conductors used for bonding individual dead-metal shall be equal to or greater than the largest AWG size of the conductor of the component mounted to the dead-metal or routed along dead-metal.

Spacings - These components have been judged in accordance with UL and CSA C22.2 No. 60947-1 Tables 13 and 15.

Markings - The following markings are permanently applied by die-stamping, ink-stamping (permanent type ink) or R/C (PDGQ2) marking labels intended for Indoor Use, and is readily visible by opening a door or removing a cover after installation.

Required marking:	Location:
Listee's name, trademark, or identifier	B
Electrical ratings	B
Ambient rating	G
<p>B. For open-type devices, marking is on a separable, self-adhesive permanent label that is shipped with the device.</p> <p>G. Marking is provided on a separate sheet which is available from the manufacturer, and not shipped with the product.</p>	