

File E175531
Project 09CA57970

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REPORT

on

PROGRAMMABLE CONTROLLERS

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DESCRIPTION

PRODUCT COVERED:

USL, CNL - Open type, Programmable controller, Industrial Ethernet switch, cat. no. RSB20 followed by "-" followed by 4 numbers, followed by E or G or L or M or N or S or T or U or V or Z, followed by a number or by E or G or L or M or N or U or V or Z, followed by E or G or L or M or S or T or Z, followed by a number or T, followed by S or T or E, followed by A, may be followed by additional suffixes.

GENERAL

These devices (RSB20-Family) are industrial control Ethernet LAN components for rail mounting and intended for use in industrial automation applications. They are to be supplied by a Class 2 source only and communicate via interfaces through wire or fiber optics.

ELECTRICAL RATINGS:

Cat. no.						Input voltage	Input current	Input/output communication
RSB20-	0800	T1	T1	S T E	A	12-24Vdc Class 2	0.6-0.3A	8 twisted-pair communication ports
RSB20-	0900	M2 M4 S2 S4 E2 L2 G2	TT	S T E	A		0.8-0.4A	1 fiber-optic, 8 twisted-pair communication ports
RSB20-	0800	M2 M4 S2 S4 E2 L2 G2	M2 M4 S2 S4 E2 L2 G2	S T E	A		0.8-0.4A	2 fiber-optic, 6 twisted-pair communication ports
RSB20-	0900	MM NN VV UU EE LL GG ZZ	M2 M4 S2 S4 E2 L2 G2 Z6	S T E	A		0.9-0.4A	3 fiber-optic, 6 twisted-pair communication ports

Relay contact ratings: 30 Vac 0.5A resistive load
60 Vdc 0.3A resistive load

Max. surrounding air temperature:

Cat. no.	
RSB20-xxxxxxxxSA	60°C
RSB20-xxxxxxxxTA	60°C
RSB20-xxxxxxxxEA	60°C

Where x are numbers or letters according to nomenclature.

TECHNICAL CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

USL - Indicates investigation to United States Standard for Safety for Industrial Control Equipment UL 508, Seventeenth Edition.

CNL - Indicates investigation to Canadian National Standard(s) for Process Control Equipment, C22.2 No. 142-M1987.

Note: USL = United States Standards - Listed.

CNL = Canadian National Standards - Listed.

This equipment is a Class I laser product, and it complies with FDA Radiation Performance Standards, 21 CFR Subchapter J. This is valid only for cat no. having following fiber-optic modules (identified by module code) incorporated: S2, S4, E2, L2, G2, VV, UU, EE, LL, and GG. Refer to the Nomenclature for module codes description.

The following pages have been removed
