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REPORT
ON

PROGRAMMABLE CONTROLLERS - NRAQ

HIRSCHMANN AUTOMATION AND CONTROL GMBH
NECKARTENZLINGEN, GERMANY

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DESCRIPTION

PRODUCT COVERED:

USL, CNL - Listed Open Type, Programmable Controller, Cat. Nos.

RSPS followed by 20 or 25, followed by 06, followed by 00, followed by 2T1 or 2Z6, followed by TT or YT followed by '-', followed by S or T or E, followed by CC, K9 or M9, followed by a combination of digits, letters, dashes and dots.

RSPL followed by 20 or 30, followed by 08, followed by 00 or 02, followed by 2Z6 or 207, followed by TT, YT or ZT followed by '-', followed by S or T or E, followed by CC or M9, followed by a combination of digits, letters, dashes and dots.

GENERAL:

This device is an industrial Fast Ethernet - or Gigabit Ethernet Switch for DIN rail installation and for use in industrial automation applications. It is microcomputer-based and communicates via interfaces through wire or optical ports.

All control boards are located in Limited Voltage / Limited Current or SELV Circuits.

ELECTRICAL RATINGS

All Cat. Nos. RSPS20 and RSPS25 can be rated as follow:

		Power Supply Type CC		Power Supply Type M9		
MODEL	Ports designation	Supply Voltage	Input Current	Supply Voltage	Input Current	
RSPS20-	06002Z6TTxxx	24-48Vdc	0.4- 0.2A	110- 230Vac 50-60Hz, or alternate 110-250Vdc	0.1-0.05A ac Alternate 0.1-0.05A dc	
	06002Z6YTxxx		0.5- 0.3A			
	06002T1TTxxx		0.3- 0.2A			
RSPS25-	06002Z6TTxxx		0.5- 0.3A		0.1-0.05A ac or 0.1-0.05A dc	
	06002Z6YTxxx		0.5- 0.3A			0.2-0.05A ac or 0.2-0.05A dc
	06002T1TTxxx		0.4- 0.2A			0.1-0.05A ac or 0.1-0.05A dc
				Power Supply Type K9		
MODEL	Ports designation			Supply Voltage	Input Current	
RSPS20-	06002Z6TTxxx	-		110- 230Vac 50-60Hz, or alternate 60-250Vdc	0.1-0.05A ac Alternate 0.2-0.05A dc	
	06002Z6YTxxx		-			
	06002T1TTxxx		-			
RSPS25-	06002Z6TTxxx		-		0.1-0.05A ac or 0.2-0.05A dc	
	06002Z6YTxxx		-			0.2-0.05A ac or 0.2-0.05A dc
	06002T1TTxxx		-			0.1-0.05A ac or 0.2-0.05A dc

xxx = any kind of character - refer to the nomenclature breakdown

All Cat. Nos. RSPL20 and RSPL30 can be rated as follow:

MODEL	Ports designation	Power Supply Type CC		Power Supply Type M9		Power Supply Type TT	
		Supply Voltage	Input Current	Supply Voltage	Input Current	Supply Voltage	Input Current
RSPL20-	08002Z6TTxxx	24-48Vdc	0.4-0.2A	110-230Vac 50-60Hz, or alternate	0.1A ac alternate 0.1A dc	12-24Vdc Class 2	0.9-0.5A
	08002Z6YTxxx		0.5-0.3A				1.0-0.5A
RSPL30-	08022O7YTxxx		0.6-0.3A	110-250Vdc	0.2-0.1A ac alternate 0.2-0.1A dc		1.4-0.7A
	08022O7ZTxxx		0.7-0.4A				1.5-0.8A

xxx = any kind of character - refer to the nomenclature breakdown

Relay signal contact ratings: 30 Vdc, 1A
30 Vac, 0.5A

All Cat. Nos. RSPL20 and RSPL30, RSPS20 and RSPS25:

Max. surrounding air temperature:
60°C for parameter "S"
70°C for parameter "T" or "E"

Refer to item VII "Temperature range" of nomenclature breakdown.

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

CNL - Indicates investigation to Canadian National Standard(s)
C22.2 No. 142-M1987.

USL - Indicates investigation to United States Standard UL 508,
(Industrial Control Equipment).

Note: CNL = Canadian National Standards - Listed.
USL = United States Standards - Listed.

The following pages have been removed
