440RN23130

AB 440R MSR Safety Relay 230VAC 1NC/2NC/LC-IN 3NO-SFTY 1NC-AUX AM RTB





Component type	Device for monitoring of safety-related circuits	
Range	MSR	
Model	N/A	
Product status	Existing	

The Allen-Bradley Single-Function and Specialty Relays are designed for small or single-zone safety applications. Ideal for safe speed control (MSR57), back EMF monitor (MSR55), safety control circuits involving light curtains, laser scanners, safety mats, interlock switches, guard locking interlocks, two-hand controls, safety edges, enabling devices and E-stop push buttons.

Rated operation current le 5 A Rated operation current le at AC-15, 230 V 5 A Rated operation current le at DC-13, 24 V 3 A Voltage type for actuating AC Control supply voltage Us at AC 50HZ 230 V Safety category according to EN ISO 13849-1 4 Type of electric connection Screw connection Number of outputs, safety related, undelayed, with contact 3 Performance level according to EN ISO 13849-1 Level e Level e Degree of protection (IP) IP40 Degree of protection (IP), terminals IP20 Max. shock acceleration 10 g Max. vibration displacement (Pk-Pk) 0.35 mm Max. vibration frequency, operational 55 Hz Width 22.5 mm Height 99 mm Depth 114.5 mm			
Rated operation current le at DC-13, 24 V 3 A		Rated operation current le	5 A
Voltage type for actuating AC Control supply voltage Us at AC 50HZ 230 V Safety category according to EN ISO 13849-1 4 Type of electric connection Screw connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible Yes Degree of protection (IP) IP40 Degree of protection (IP), terminals IP20 Max. shock acceleration 10 g Max. vibration displacement (Pk-Pk) 0.35 mm Max. vibration frequency, operational 55 Hz Width 22.5 mm DIMENSIONS	ELECTRICAL	Rated operation current le at AC-15, 230 V	5 A
Control supply voltage Us at AC 50HZ Safety category according to EN ISO 13849-1 4 Type of electric connection Screw connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible Pegree of protection (IP) Pegree of protection (IP) Pegree of protection (IP), terminals Pegree of protection (IP), terminals Pegree of protection (IP), terminals Pegree of protection (IP) Pegree of protection (IP), terminals Pegree of protection (IP) Pegree of protect		Rated operation current le at DC-13, 24 V	3 A
Safety category according to EN ISO 13849-1 4 Type of electric connection Screw connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible Yes Degree of protection (IP) IP40 Degree of protection (IP), terminals IP20 Max. shock acceleration 10 g Max. vibration displacement (Pk-Pk) 0.35 mm Max. vibration frequency, operational 55 Hz Width 22.5 mm DIMENSIONS		Voltage type for actuating	AC
Type of electric connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible Yes Degree of protection (IP) Degree of protection (IP), terminals Max. shock acceleration Max. vibration displacement (Pk-Pk) Max. vibration frequency, operational Midth DIMENSIONS Type of electric connection Number connection Number of outputs, safety related, undelayed, 3 Berell Connection Mevel e Level e 1 Level e 1 Level e 1 1 1 1 1 1 2 1 1 1 1 1 1		Control supply voltage Us at AC 50HZ	230 V
Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Level e Rail mounting possible Yes Degree of protection (IP) IP40 Degree of protection (IP), terminals IP20 Max. shock acceleration 10 g Max. vibration displacement (Pk-Pk) 0.35 mm Max. vibration frequency, operational 55 Hz Width 22.5 mm Height 99 mm		Safety category according to EN ISO 13849-1	4
Performance level according to EN ISO 13849- Level e		Type of electric connection	Screw connection
CONSTRUCTION Rail mounting possible Yes	CONSTRUCTION	Number of outputs, safety related, undelayed, with contact	3
Degree of protection (IP)		Performance level according to EN ISO 13849-1	Level e
Degree of protection (IP), terminals IP20 Max. shock acceleration 10 g Max. vibration displacement (Pk-Pk) 0.35 mm Max. vibration frequency, operational 55 Hz Width 22.5 mm Height 99 mm		Rail mounting possible	Yes
MECHANICAL Max. shock acceleration Max. vibration displacement (Pk-Pk) Max. vibration frequency, operational Width 22.5 mm Height 99 mm		Degree of protection (IP)	IP40
MECHANICAL Max. vibration displacement (Pk-Pk) Max. vibration frequency, operational Width 22.5 mm Height 99 mm	MECHANICAL	Degree of protection (IP), terminals	IP20
Max. vibration frequency, operational 55 Hz Width 22.5 mm Height 99 mm		Max. shock acceleration	10 g
Width 22.5 mm Height 99 mm		Max. vibration displacement (Pk-Pk)	0.35 mm
DIMENSIONS Height 99 mm	DIMENSIONS	Max. vibration frequency, operational	55 Hz
DIMENSIONS		Width	22.5 mm
Depth 114.5 mm		Height	99 mm
		Depth	114.5 mm
Weight 0.26 kg		Weight	0.26 kg
ENVIRONMENT Ambient temperature during operating -555 °C	ENVIRONMENT	Ambient temperature during operating	-555 °C

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