440RC23139

AB 440R MSR Safety Relay Single Function 24VDC 1NC/2NC/LC/SM-IN 3NO-SFTY 2NC/2SS-AUX AM/MM





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 at AC-15, 230 V 6 A Rated operation current le at DC-13, 24 V 3 A Voltage type for actuating DC Control supply voltage Us at DC 24 V Control supply voltage Us at AC 50HZ 24 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 CONSTRUCTION Rail mounting possible Yes IP rating IP40 Degree of protection (IP), terminals IP20		Rated operation current le	6 A
Voltage type for actuating DC Control supply voltage Us at DC 24 V Control supply voltage Us at AC 50HZ 24 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 CONSTRUCTION Rail mounting possible Yes IP rating IP40	ELECTRICAL	Rated operation current le at AC-15, 230 V	6 A
Control supply voltage Us at DC Control supply voltage Us at AC 50HZ Safety category according to EN ISO 13849-1 Type of electric connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible IP rating Pating Pating		Rated operation current le at DC-13, 24 V	3 A
Control supply voltage Us at AC 50HZ Safety category according to EN ISO 13849-1 Type of electric connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 CONSTRUCTION Rail mounting possible IP rating Physical AC 50HZ 24 V Screw connection Screw connection Level e Performance level according to EN ISO 13849- 1 Level e		Voltage type for actuating	DC
Control supply voltage Us at AC 50HZ Safety category according to EN ISO 13849-1 Type of electric connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 CONSTRUCTION Rail mounting possible IP rating P40		Control supply voltage Us at DC	24 V
Type of electric connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible IP rating Screw connection A tevel e		Control supply voltage Us at AC 50HZ	24 V
Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849- 1 Rail mounting possible IP rating Performance level according to EN ISO 13849- 1 Level e Yes		Safety category according to EN ISO 13849-1	4
with contact Performance level according to EN ISO 13849- 1 CONSTRUCTION Rail mounting possible IP rating IP40		Type of electric connection	Screw connection
CONSTRUCTION Rail mounting possible Yes IP rating IP40	CONSTRUCTION	Number of outputs, safety related, undelayed, with contact	3
IP rating IP40		Performance level according to EN ISO 13849-1	Level e
		Rail mounting possible	Yes
Degree of protection (IP), terminals IP20		IP rating	IP40
and at breezester (in), settlinesse	MECHANICAL	Degree of protection (IP), terminals	IP20
Max. shock acceleration 10 g		Max. shock acceleration	10 g
MECHANICAL Max. vibration displacement (Pk-Pk) 0.35 mm		Max. vibration displacement (Pk-Pk)	0.35 mm
Max. vibration frequency, operational 55 Hz	DIMENSIONS	Max. vibration frequency, operational	55 Hz
Width 45 mm		Width	45 mm
PIMENSIONS Height 99 mm		Height	99 mm
Depth 114.5 mm		Depth	114.5 mm
Weight 0.45		Weight	0.45
ENVIRONMENT Rated temperature -555 °C	ENVIRONMENT	Rated temperature	-555 °C

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