## 440RM23085

AB 440R MSR Safety Relay 230VAC 1NC/2NC.LC-IN 4NO-SFTY 1NC-AUX AM/MM 0.5-10S





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 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  IP rating 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 45 mm  Height 99 mm  Depth 1114.5 mm  Weight 0.49  ENVIRONMENT Rated temperature -555 °C		Rated operation current le	7 A
Voltage type for actuating	ELECTRICAL	Rated operation current le at AC-15, 230 V	6 A
Control supply voltage Us at AC 50HZ Safety category according to EN ISO 13849-1 4 Type of electric connection Number of outputs, safety related, undelayed, with contact Performance level according to EN ISO 13849-1 1 Rail mounting possible IP rating IP40 Degree of protection (IP), terminals IP20 Max. shock acceleration Max. vibration displacement (Pk-Pk) Max. vibration frequency, operational Dimensions Weight O.49  Control supply voltage Us at AC 50HZ A  Control supply voltage Us at AC 50HZ A  A  Control supply voltage Us at AC 50HZ A  A  A  Control supply voltage Us at AC 50HZ A  A  A  Control supply voltage Us at AC 50HZ A  A  A  Control supply voltage Us at AC 50HZ A  A  Control supply voltage Us at AC 50HZ A  A  Control supply voltage Us at AC 50HZ A  A  Control supply voltage Us at AC 50HZ A  A  Control supply voltage Us at AC 50HZ A  A  Cortrol supply voltage Us at AC 50HZ A  A  Cortrol supply voltage Us at AC 50HZ A  A  Cortrol supply voltage Us at AC 50HZ A  A  Cortrol supply voltage Us at AC 50HZ A  Cortrol supply voltage Us at AC 50HZ A  Cortrol supply voltage Us at AC 50HZ A  A  Cortrol supply voltage Us at AC 50HZ A  A  Level e  Level e  1  Level e  1  Level e  1  Covel e  1		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   2     Performance level according to EN ISO 13849-		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		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  IP rating 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 45 mm  Height 99 mm  Depth 114.5 mm  Weight 0.49		Safety category according to EN ISO 13849-1	4
Net   Performance level according to EN ISO 13849-   Level e		Type of electric connection	Screw connection
CONSTRUCTION	CONSTRUCTION		2
IP rating   IP40		Performance level according to EN ISO 13849-	Level e
Degree of protection (IP), terminals   IP20		Rail mounting possible	Yes
MECHANICAL         Max. shock acceleration         10 g           Max. vibration displacement (Pk-Pk)         0.35 mm           Max. vibration frequency, operational         55 Hz           Width         45 mm           Height         99 mm           Depth         114.5 mm           Weight         0.49		IP rating	IP40
MECHANICAL         Max. vibration displacement (Pk-Pk)         0.35 mm           Max. vibration frequency, operational         55 Hz           Width         45 mm           Height         99 mm           Depth         114.5 mm           Weight         0.49	MECHANICAL	Degree of protection (IP), terminals	IP20
Max. vibration frequency, operational         55 Hz           Width         45 mm           Height         99 mm           Depth         114.5 mm           Weight         0.49		Max. shock acceleration	10 g
DIMENSIONS         Width         45 mm           Height         99 mm           Depth         114.5 mm           Weight         0.49		Max. vibration displacement (Pk-Pk)	0.35 mm
DIMENSIONS         Height         99 mm           Depth         114.5 mm           Weight         0.49	DIMENSIONS	Max. vibration frequency, operational	55 Hz
Depth 114.5 mm Weight 0.49		Width	45 mm
Depth         114.5 mm           Weight         0.49		Height	99 mm
		Depth	114.5 mm
<b>ENVIRONMENT</b> Rated temperature -555 °C		Weight	0.49
	ENVIRONMENT	Rated temperature	-555 °C

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