

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.

ELECTRICAL

Rated operation current I _e	6 A
Rated operation current I _e at AC-15, 230 V	6 A
Rated operation current I _e at DC-13, 24 V	3 A
Voltage type for actuating	DC
Control supply voltage U _s at DC	24 V
Control supply voltage U _s 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	3

CONSTRUCTION

Performance level according to EN ISO 13849-1	Level e
Rail mounting possible	Yes
IP rating	IP40
Degree of protection (IP), terminals	IP20

MECHANICAL

Max. shock acceleration	10 g
Max. vibration displacement (Pk-Pk)	0.35 mm
Max. vibration frequency, operational	55 Hz

DIMENSIONS

Width	45 mm
Height	99 mm
Depth	114.5 mm
Weight	0.45

ENVIRONMENT

Rated temperature	-5...55 °C
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