

440RN23132

AB 440R MSR Safety Relay 24VAC/DC 1NC/2NC/LC-IN 3NO-SFTY 1NC-AUX AM RTB



Allen-Bradley

by ROCKWELL AUTOMATION

SAFETY LOGIC



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	5.0 A
Rated operation current I_e at AC-15, 230 V	5.0 A
Rated operation current I_e at DC-13, 24 V	3.0 A
Voltage type for actuating	AC/DC
Control supply voltage U_s at DC	24.0 V
Control supply voltage U_s at AC 50HZ	24.0 V
Safety category according to EN ISO 13849-1	4
Type of electric connection	Screw connection
Number of outputs, safety related, undelayed, with contact	3.0

CONSTRUCTION

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

MECHANICAL

Shock acceleration (Max)	10.0 g
Vibration displacement (Pk-Pk Max)	0.35 mm
Vibration frequency, operational (Max)	55.0 Hz

DIMENSIONS

Width	22.5 mm
Height	99.0 mm
Depth	114.5 mm
Weight	0.21

ENVIRONMENT

Ambient temperature during operating	-5 - 55 °C
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