440RN23132

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

SAFETY LOGIC

NHP Allen-Bradley



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 Ie	5 A
	Rated operation current Ie at AC-15, 230 V	5 A
	Rated operation current Ie at DC-13, 24 V	3 A
	Voltage type for actuating	AC/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	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	22.5 mm
	Height	99 mm
	Depth	114.5 mm
	Weight	0.21
ENVIRONMENT	Rated temperature	-5…55 °C

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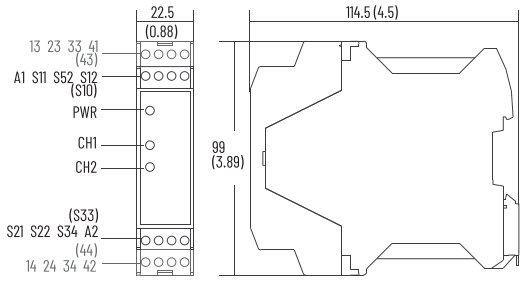
DIMENSIONAL DIAGRAM

Dimensions [mm (in.)]



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