

# 440RN23123

AB 440R MSR Safety Relay 24VAC/DC 1NC/LC-IN 2NO-SFTY  
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 $I_e$	6.0 A
Rated operation current $I_e$ at AC-15, 230 V	6.0 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
Number of outputs, safety related, undelayed, with contact	2.0

## 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	75.0 mm
Depth	110.0 mm
Weight	0.16

## ENVIRONMENT

Ambient temperature during operating	-5 - 55 °C
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