

# Catalogue No: 440R-B23211

## MSR117T 24VAC/DC 1NC-IN 3NO-SFTY 1NC-AUX AM/MM

Safety > Safety Controllers > Single Function Safety Relays > Allen-Bradley MSR Safety Relays > Single Function > Automatic / Manual or Monitored / Manual Reset



Representative Photo Only  
(actual product may vary based on configuration selections)

### MSR117T 24V AC/DC 1NC Input 3NO Safety Outputs 1NC Auxiliary Outputs Auto-Manual/Monitored Manual Reset

- Support a wide variety of input devices and output configurations
- Compact packages with removable terminals
- Ideal for relatively small safety applications and single zone control
- Available in electromechanical versions or solid-state models

#### SPECIFICATIONS

Product Series	Bul. 440R - MSR117T
Safety stop category(s) (IEC/EN 60204-1)	IEC/EN 60204-1 Stop Category 0
Safety Stop Category	Stop Cat 0 safety
Safety Performance Level(s) (ISO13849:2006)	ISO 13849:2006 PLe ISO 13849:2006
Safety Performance Level	PLe safety
MTTFd (ISO 13849:2006)	425 years
SIL Claim(s) - Machinery (IEC/EN 62061)	IEC/EN 62061 SILCL3 IEC/EN 62061
SIL Claim, Machinery	SIL CL 3 machinery
Safety Category(s) (ISO13849:1999 / EN954)	EN 954 / ISO 13849:1999 Category 4 ISO 130849:1999
Safety Category	Cat 4 safety
Reset Type	Automatic / Manual Monitored Manual
Terminal Type	Fixed (non-removable) Terminal Block
Mounting	DIN-35 Rail Mount
Material, Body / Housing	Nylon / PA6 / PA66 (Polyamide 6) material
Indicator Type	LED
Inputs	1 NC
Output Configuration, Safety	3 NO
Output Configuration, Auxiliary	1 NC
Refresh Time	0.11 s
Power ON delay	1 s
Response Time (Off → On)	30 ms
Unom, Supply Voltage, AC, Nom	24 V AC
Unom, Supply Voltage, DC, Nom	24 V DC
Switching current, Min	10 mA
Power Consumption, Max	2 W
Overvoltage Category	III
Wire / Conductor Size (Min)	0.20 mm <sup>2</sup> min

# Catalogue No: **440R-B23211**

## MSR117T 24VAC/DC 1NC-IN 3NO-SFTY 1NC-AUX AM/MM

Safety > Safety Controllers > Single Function Safety Relays > Allen-Bradley MSR Safety Relays > Single Function > Automatic / Manual or Monitored / Manual Reset



Wire / Conductor Size (Max)	4 mm <sup>2</sup> max
Uimp, Impulse Withstand Voltage	2.5 kV
Tightening Torque, Nominal	0.8 Nm
Pollution Degree	2
Operating Temperature, Max	55 °C max
Operating Temperature, Min	-5 °C min
Relative Humidity, Max	90 %RH
IP rating, body / housing	IP40
IP Rating, Terminals	IP20
Material, Contacts	Silver Tin Oxide (AgSnO <sub>2</sub> ) material
Electrical Service Life at Un, In	1000000 cycles
Mechanical service life	2000000 cycles
Height	75 mm
Width	22.5 mm
Depth	110 mm
Weight	0.18 kg
Shock Acceleration (Max.)	10 g
Shock Duration (Max.)	16 ms
Vibration Displacement (Peak to Peak Max.)	0.35 mm
Vibration Frequency, Operational (Max.)	55 Hz
Certifications	CE C-UL-US TUV Category 4 TUV PLe

### REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	<a href="#">440RB23211_Installation Instructions</a>
User Manual:	-
Manufacturer Datasheet:	<a href="#">440RB23211_Manufacturer Datasheet</a>
Manufacturer Catalogue & Product Selection:	-