



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

MSR127TP 24V AC/DC 1NC/2NC/Light Curtain Inputs 3NO Safety Outputs 1NC Auxiliary Outputs Auto-Manual Removable Terminals

- 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

Safety stop category(s) (IEC/EN 60204-1)	IEC/EN 60204-1 Stop Category 0
Safety performance level(s) (ISO13849:2006)	ISO 13849:2006 PLe
MTTFd (ISO 13849:2006)	398 years
SIL claim(s) - Machinery (IEC/EN 62061)	IEC/EN 62061 SILCL3 IEC/EN 62061
Safety category(s) (ISO13849:1999 / EN954)	EN 954 / ISO 13849:1999 Category 4
Reset Type	Automatic / Manual
Terminal Type	Screw Terminal(s)
Terminals	Removable
Mounting	DIN-35 Rail Mount
Material, Body / Housing	Nylon / PA6 / PA66 (Polyamide 6) material
Indicator Type	LED
Colour, Indicator	Green
Inputs	1 NC, 2 NC, 2 OSSD (Light curtain)
Safety Outputs	3 NO
Auxiliary Outputs	1 NC
Power ON delay	1 s
Response Time (Off → On)	15 ms
Unom, Supply Voltage, AC, Nom	24 V AC
Unom, Supply Voltage, DC, Nom	24 V DC
Switching current, Min	10 mA
Ie, Rated Operational Current, AC 1, 250V AC	5 A @250V
Ie, rated operational current, AC 15, 250V AC	5 A
Ie, rated operational current, DC 1, 24V DC	5 A
Ie, Rated Operational Current, DC 13, 24V DC	3 A
Power Consumption, Max	2 W
Overvoltage Category	III
Wire / Conductor Size (Min)	0.20 mm ²

Catalogue No: **440R-N23132**

MSR127TP 24VAC/DC 1NC/2NC/LC-IN 3NO-SFTY 1NC-AUX AM RTB

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



Wire / Conductor Size (Max)	4 mm ²
Uimp, Impulse Withstand Voltage	2.5 kV
Tightening Torque, Min	0.6 Nm
Tightening Torque, Max	0.8 Nm
Pollution Degree	2
Operating Temperature, max	55 °C max
Operating Temperature, min	-5 °C min
IP rating, body / housing	IP40
IP Rating, Terminals	IP20
Material, contact	Silver Tin Oxide (AgSnO ₂)
Mechanical service life	2000000 cycles
Height	99 mm
Width	22.5 mm
Depth	114.5 mm
Weight	0.21 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
Standards Compliance	ANSI B11.19
Certifications	CE C-UL-US

REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	440RN23132_Installation Instructions
User Manual:	-
Manufacturer Datasheet:	440RN23132_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	-