



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

MSR122E Expansion Module 24V AC/DC 1NC/2NC Inputs 4NO Safety Outputs 2NC Auxiliary Outputs Auto-Manual Reset, 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

| | |
|---|--|
| Product Series | Bul. 440R - MSR132E |
| Safety Performance Level(s) (ISO13849:2006) | ISO 13849:2006 PL _e ISO 13849:2006 |
| Safety Performance Level | PL _e safety |
| MTTFd (ISO 13849:2006) | 417 years |
| SIL Rating(s) (IEC/EN 61508) | IEC/EN 61508 SIL3 IEC/EN 61508 |
| SIL Rating | SIL 3 |
| Safety Category(s) (ISO13849:1999 / EN954) | EN 954 / ISO 13849:1999 Category 4 ISO 130849:1999 |
| Safety Category | Cat 4 safety |
| Reset Type | Automatic |
| Terminal Type | Removable (screw) Terminal Block |
| Mounting | DIN-35 Rail Mount |
| Indicator Type | LED |
| Inputs | 1 NC or 2 NC |
| Output Configuration, Safety | 4 NO |
| Output Configuration, Auxiliary | 2 NC |
| Refresh Time | 0.1 s |
| Power ON delay | 0.1 s |
| Response Time (Off → On) | 50 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 | 1.5 W |
| Wire / Conductor Size (Min) | 24 AWG (0.205 mm ²) min |
| Wire / Conductor Size (Max) | 12 AWG (3.31 mm ²) |
| Uimp, Impulse Withstand Voltage | 2.5 kV |
| Operating Temperature, Max | 55 °C max |
| Operating Temperature, Min | -5 °C min |
| IP rating, body / housing | IP40 |

Catalogue No: **440R-E23097**

MSR132E EXP 24VAC/DC 1NC/2NC-IN 4NO-SFTY 2NC-AUX AM

Safety > Safety Controllers > Single Function Safety Relays > Allen-Bradley MSR Safety Relays > Accessories > Expansion Modules



| | |
|--|---|
| IP Rating, Terminals | IP20 |
| Material, Contacts | Silver Tin Oxide (AgSnO ₂) material |
| Electrical Service Life at Un, In | 1000000 cycles |
| Mechanical Service Life | 2000000 cycles |
| Height | 99 mm |
| Width | 22.5 mm |
| Depth | 114.5 mm |
| Weight | 0.215 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-Tick C-UL-US |

REFERENCES

| | |
|---|---|
| IECEX Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | 440RE23097_Manufacturer Datasheet |
| Manufacturer Catalogue & Product Selection: | - |