

Resource Module — Converts Solid-State Outputs to Force-Guided Relay Outputs

- Converts the solid-state safety outputs of one Omron STI safety device to electro-mechanical force-guided safety relay outputs
- Compatible with Omron STI's MS4800, F3SJ, PA4600, OS3101 and OS32C
- CE approved
- 22.5 mm DIN enclosure

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File No. LR90200-34

Specifications

Performance	
Response Time:	< 10 msec for N.O. contacts < 20 msec for N.C. contacts
Indicators:	LED, 2 green-power to output relay
Electrical	
Input Power:	24 VDC , 2.6 VA (from safety source)
Safety Outputs:	One N.O. and one N.O./N.C., force-guided contacts, rated 150 VAC, 7 A
MPCE Monitor:	The RM-X relay safety outputs may be monitored by the light curtain
Environmental	
Enclosure Rating:	IP20
Operating Temperature:	0 to 55°C (32 to 131°F)
Relative Humidity:	95% maximum, non-condensing
Conformity/ Approvals	
Conformity to Standards:	CE approved and conforms to IEC 61496-1, IEC 61508, EN 954-1, EN 60204-1, EN 50178, and Type 4* safety category.
Mechanical	
Enclosure:	Polycarbonate
Mounting:	35 mm (1.38 in.) DIN rail or screw
Dimensions:	22.5 mm W x 75 mm H x 110 mm D (0.88 in. W x 2.95 in. H x 4.33 in. D)

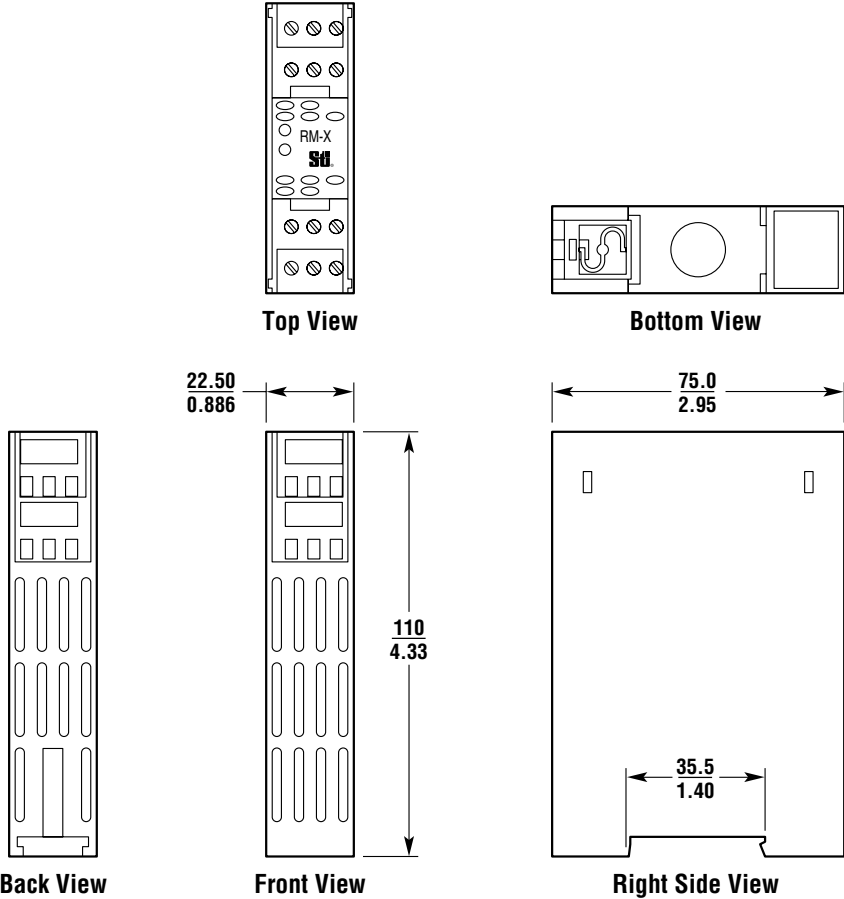
* When used with an Omron STI Type 4 safety light curtain. Specifications are subject to change without notice.

Description

The RM-X is a resource module in a DIN type enclosure. When used in conjunction with Omron STI safety devices, it provides output conversion from solid-state to a mechanical relay output. One N.O. and one N.O./N.C. safety relay outputs are provided. These relays are force-guided and can be used for the machine's primary controls (refer to the specifications for contact ratings).

Dimensions

(mm/in.)



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Ordering

Model No.	Description
RM-X	Relay Expansion Module

[Yellow Highlight] = Highlighted **Rapid Delivery** products are available for shipment today or within **THREE** days.

- For information on the OS3101, see page B16
- For information on the OS32C, see page B6
- For information on the PA4600, see page C3
- For information on the F3SJ, see page D4
- For information on the MS4800, see page D13
- For information on safety light curtain accessories, see page D42