RIM100M-3-K

Remote interface module with support for two bi-directional Input/Output signals and a monitored communication link

Features

- Two bi-directional Input/Output signal states communicated across a link with RIM100E-K modules
- Supports a simple 'monitored' communication channel with configurable latency
- An effective solution for introducing a 'remote' conventional Fire Alarm Control Panel to an existing network, via a monitored communication channel
- Support for debug via laptop with simple USB interface
- Product is DIN rail mountable
- Simple LED system status indication for fire, fault and monitored link

Description

The RIM100M-3-K provides a bi-directional Input/Output interface for relaying system states to RIM100E-K (Ethernet) modules.

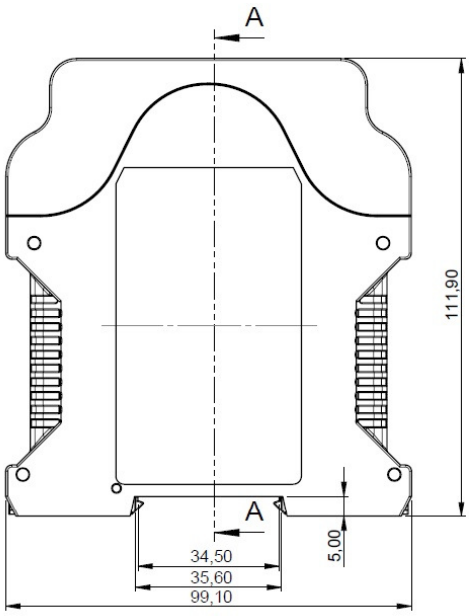
The RIM100M-3-K links to the RIM100E-K modules via an RS485 interface. The RIM100M-3-K supports two signal inputs and three relay outputs.

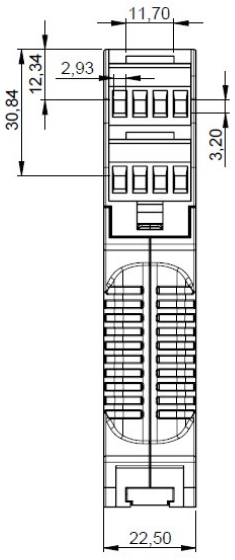
The two inputs can typically be used to transfer the status of 'Fire' and 'Fault' states from a fire panel across a monitored link between twoRIM100E-K modules. All relay outputs are driven by signal states presented by the RIM100E-K module.

The RIM100M-3-K activates an external relay contact based on the state of the monitored communication link between local and remote paired RIM100E-K modules.

The module is housed in a DIN rail mountable enclosure with LED status indication visible on the front fascia of the module.

Specification	
Dimensions	99.1 X 111.9 X 22.5mm
Weight	200g
Mounting	DIN Rail





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Specification

Operating Voltage	18 to 36V (24V DC nominal)
Rated Current	150mA (at 24V)
OUTPUTS	Port A: 1: Fire Relay (NO), 2: Fire Relay (NO), 3: Fault Relay (NO), 4: Fault Relay (NO)
INPUTS:	Port B: 1: Fire Input (COM), 2: Fire Input (NO), 3: Fault Input (COM), 4: Fault Input (NO)
RS485	Port C: 1: Data-, 2: Data+, 3: Poll Relay (NO), 4: Poll Relay (NO)
PSU	Port D: 1: +12V TO 36V DC, 2: 0V, 3: No Connect, 4: Earth
USB	USB Micro-B connection (Device / Slave Mode)
Operating Temperature	-10 to 50°C
Storage Temperature	-40 to 70°C
Agency Approvals and Standards	CE, RoHs, WEEE compliant
EMC	EN 61000-6-2, Immunity Standard (Industrial Environments) EN 61000-6-4, Emission Standard (Industrial Environments)
Safety	EN 60950, IT Equipment