

**B.M.S INPUT - OUTPUT MODULES
SINGLE AND ADJUSTABLE RELAY**

ESRM..

DIN RAIL mounted relay modules compatible with building management systems, providing a switched output when an input signal is applied.
The 12VDC relay is suitable for use with TREND controllers ONLY which give a 0-10vdc output. For other 0-10vdc systems use model ESRM-10.



ESRM-12 / 24 / 230..



ESRM-10

- Volt free contacts
- Din rail mounting
- Max Ambient -20 /+50 C
- Auto eject relay clip
- Flammability = UL94-V0

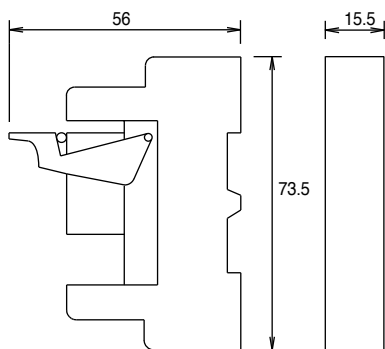
ESRM-10 only:
Off-On-Auto link to aid commissioning.
LED light on when relay energised.
Input current > 0.5mA

Type	Switch Point Input Approx.	Coil Voltage	Coil Resistance	Coil Current Approx mA	Switch Rating 230VAC SPDT	Compatibility	Enclosure
ESRM-12DC	8 VDC	12 VDC	576Ω	20	10(3)A	TREND IQ 0 10vdc ONLY	IP00
ESRM-24DC	17 VDC	24 VDC	1440Ω	18	12(3)A	24vdc B.M.S. controllers	IP00
ESRM-24AC	17 VAC	24 VAC	350Ω	32	12(3)A	TREND IQ	IP00
ESRM-230AC	172 VAC	230 VAC	32500Ω	3.3	12(3)A	Most B.M.S. controllers	IP00

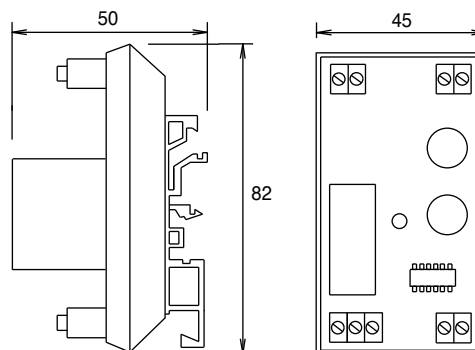
Type	Input	Supply ± 15%	Switch Rating 230VAC SPDT	Feedback Output	Consumption	Enclosure
ESRM-10	0-10VDC adj.	24VAC/DC	10(3)A	0-10VDC	51mA	IP00

DIMENSIONS:

ESRM-12 / 24/ 230..

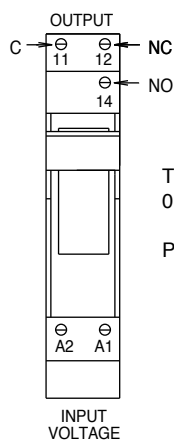


ESRM-10



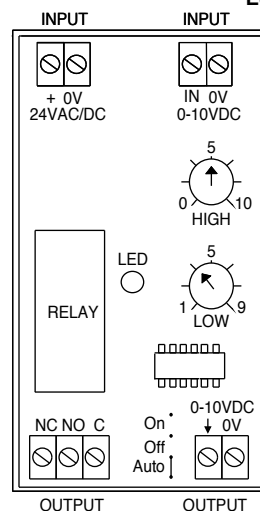
WIRING:

ESRM-12 / 24/ 230..



Terminal Size:
0.5 - 2.5mm rising clamps
Polarity is not important

ESRM-10



When the 0-10vdc input signal increases to the High setting contacts C-NO close.

When the 0-10vdc input signal decreases to the Low setting contacts C-NO open.

INSTALLATION:

Terminals 0.5-2.5mm rising clamps
Screened cable is recommended
Keep sensor/control signal wires away from power cables/units which may cause interference.

Min sensor / control signal cable size 7/0.2mm
The screen should be earthed at the controller end only

Max length 100m.