

# DIN RAIL MODULAR PNP SIGNAL AMPLIFIER

**TYPES: MOD-SAP-1 (spco)**

PRODUCT  
GROUP  
**E**

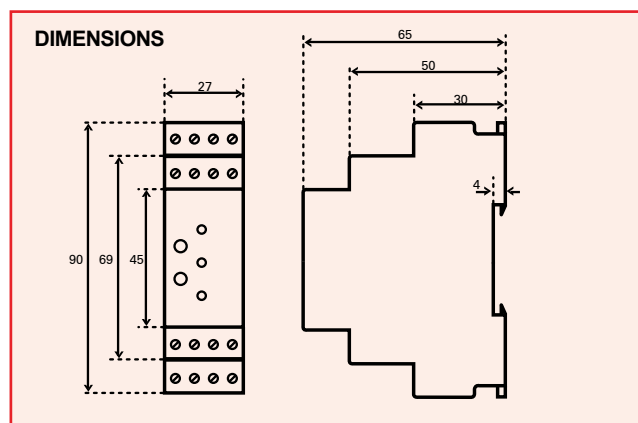
## FEATURES

- Din rail mounted
- Modern modular design
- Width 27mm (1.5 module)
- SPCO output
- Multi voltage 24VAC/DC, 110VAC, 230VAC
- Dual LED indication
- RoHS Compliant
- CE marked



## DESCRIPTION & MODE OF OPERATION

An attractive modern design in a din rail mounted modular style housing of 1.5 module width (27mm). The relay features large double deck terminals suitable for up to 2.5mm<sup>2</sup> cable. A green supply on LED is featured along with a red LED to indicate relay output status. The relay has a 24VDC output to supply the PNP sensor. When a high output from sensor is connected to the input the relay will energise and the red LED is illuminated. As soon as the input is removed the relay will de-energise and the red LED will extinguish.



## SPECIFICATIONS

### Relay outputs:

Output contacts:	8Amps/250V AC1
Max breaking capacity:	2000VA
Mechanical life:	10 Million ops
Electrical life:	500K ops at max rated load

### Supply voltage:

Supply voltage:	24V AC/DC, 110VAC or 230VAC
Supply tolerance:	-15% to +10%
Max power consumption:	40mA

### Sensor Input:

Sensor type:	PNP
Sensor Supply:	24VDC
Max input time:	Continuous
Min On time:	300mS
Min Off time:	300mS

### General:

Operating temperature:	-20°C to +65°C
Storage temperature:	-20°C to +65°C
Max cable size:	2.5mm <sup>2</sup>
CE marked:	Yes
In accordance with:	EN61000-3-2, EN61000-4-2, EN61000-4-3 EN61000-4-4, EN61000-4-5, EN61000-4-11 CISPR 14.1
Housing Material:	Polycarbonate, Auto extinguishable to UL 94 V-0

