



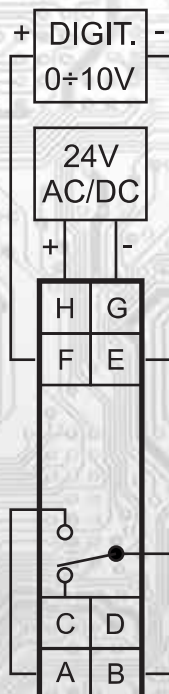
- power supply 24V AC/DC
- galvanically isolated relay output
changeover contact 250V AC/8A
- control by digitized voltage 0 ÷ 10V
- DIN rail mounting

The RDP01 electronic relay is intended for installation in distribution boards as a two-state regulator. The control signal is a digitized voltage signal 0 ÷ 10V. This means that the analog control signal must be modified as a two-state output. For the relay to be off, the voltage at the device input must be in the range 0 ÷ 2V, for the relay to be on, the voltage must be in the range 8 ÷ 10V. The output is a relay with 250VAC/8A changeover contacts. The green LED indicates the relay is switched on. The device electronics are housed in a plastic box with DIN rail mounts. The device does not have a built-in fuse, so the power supply must be secured with a 100mA fuse.

Basic technical parameters

Supply voltage	24VDC ±15% or 24VAC ±10%
Power consumption	max. 1VA
Output signal - relay OFF	0 ÷ 2 VDC
Output signal - relay ON	8 ÷ 10 VDC
Input signal load	max. 0,1 mA
Output relay	8A 250VAC / 24 VDC
Max. switching power	2000 VA / 192 W
Min. switched load	100 mA 5 VDC
Indication of closed relay	green LED
Rozsah provozní teploty	-20 ÷ 60 °C
Rozsah skladovací teploty	-20 ÷ 80 °C
Relative humidity	< 80 %
Protection level	IP20
Conductors	max. 1,5 mm ²
Dimensions (L x V x H)	18 x 62 x 64 mm

Layout of connecting terminals (fig. 1)



BC...relay OFF

BA...relay ON

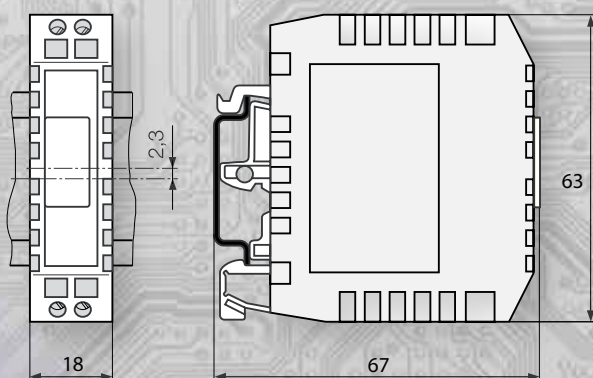
E – negative pole of input signal

F – positive pole of input signal

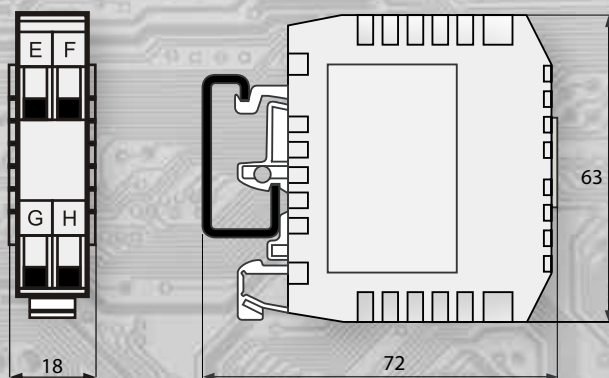
G – 0V

H – power supply 24V ~/+

Dimensions and mounting



Rail mounting according to EN 50 022 – 35 x 7.5



Mounting on G rail according to EN 50 035 – G32