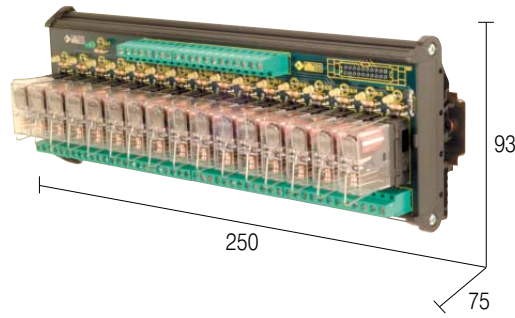


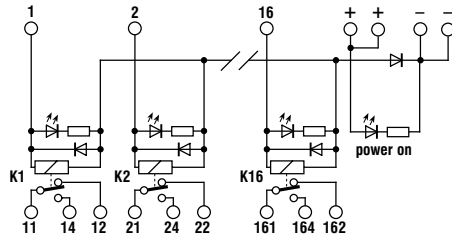
SPDT DC Multi-relay modules



BLOCK DIAGRAMS / NOTES

(1) Relay model is not binding, they may be modified without prior warning. The technical data reported refer to the user relays, for more detail see pages 68 through 73.

Block diagram



VERSION

Pluggable relay, negative common
Pluggable relay, positive common
Socket without relay, negative common

R161E24 Cod. XR161E24
R161E24P Cod. XR161E24P
Z16124D Cod. XZ16124D

INPUT TECHNICAL DATA



| | |
|---------------------------|-------------------------------------|
| Rated voltage | 24 Vdc \pm 10% |
| Rated current (1 channel) | 20 mA \pm 10% |
| Turn ON time | 15 ms |
| Turn OFF time | 5 ms |
| Terminals / connectors | terminal blocks 2.5 mm ² |

OUTPUT TECHNICAL DATA

| | |
|------------------------------------|-------------------------------------|
| Type and number of contact | SPDT x 16 relay |
| Rated voltage | 250 Vac |
| Rated current | 10 A |
| Current breaking power | 10 A |
| Terminals / connectors | terminal blocks 2.5 mm ² |
| Isolation between output terminals | 1 K Vac / 60 s |

GENERAL TECHNICAL DATA

| | |
|--------------------------|--|
| Operating temperature | - 10 – 50°C |
| Coil / contact isolation | 2.5 kVac / 60 s |
| Protection degree | IP 00 |
| Reference standards | IEC 664-1 |
| Pollution degree | 2 |
| Overvoltage category | 3 |
| Relay model (1) | OMRON G2R-1, NAIS JW1FSN, FINDER 40.31 |
| Status display | LED |

| | |
|--|--|
| Housing material | polyamide UL94V-0 |
| Approximative weight | 657 g (pluggable relay version) |
| Mounting information | adjacent without gap |
| Mounting rail according to IEC60715/TH35 |  PR/3/AC - PR/3/AS |
| Mounting rail according to IEC60715/G32 |  PR/DIN/AC - PR/DIN/AS - PR/DIN/AL |