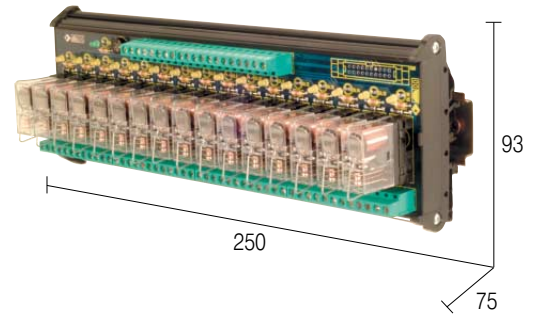
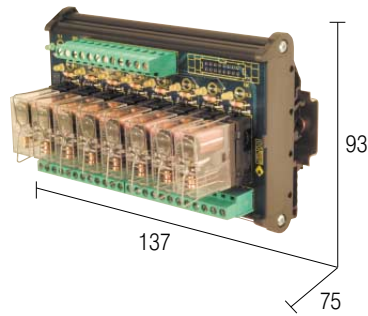


SPDT AC/DC Multi-relay modules

- DC and AC control voltage
- Positive or negative control voltage



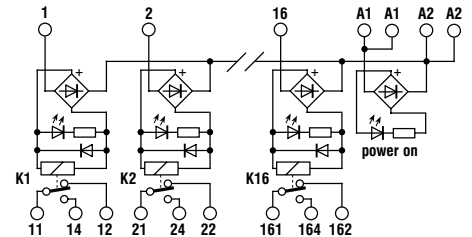
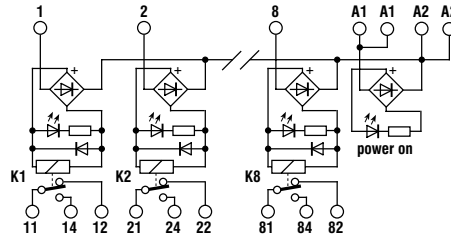
BLOCK DIAGRAMS / NOTES

(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.

POWER SUPPLY

A1 = +	A2 = -	negative common
A1 = -	A2 = +	positive common

Block diagram



VERSION

Pluggable relay
Socket without relay

R81E11A

Cod. XR081E1A

R161E11A

Cod. XR161E1A

INPUT TECHNICAL DATA

Rated voltage	110 – 125 Vac/dc
Rated current (1 channel)	11 mA ± 10%
Turn ON time	15 ms
Turn OFF time	5 ms
Terminals / connectors	terminal blocks 2.5 mm ²

Rated voltage	110 – 125 Vac/dc
Rated current (1 channel)	11 mA ± 10%
Turn ON time	15 ms
Turn OFF time	20 ms
Terminals / connectors	terminal blocks 2.5 mm ²

OUTPUT TECHNICAL DATA



Type and number of contact	SPDT x 8 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



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 kVac / 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, DIN VDE 0110.1
Pollution degree	2
Overvoltage category	3
Relay model (1)	FINDER 40.31.125 VDC
Status display	

Operating temperature	- 10 – 50°C
Coil / contact isolation	2.5 kVac / 60 s
Protection degree	IP 00
Reference standards	IEC 664-1, DIN VDE 0110.1
Pollution degree	2
Overvoltage category	3
Relay model (1)	FINDER 40.31.125 VDC
Status display	

Housing material	polyamide UL94V-0
Approximative weight	345 g
Mounting information	adjacent without gap
Mounting rail according to IEC60715/TH35	 PR/3/OAC - PR/3/AS
Mounting rail according to IEC60715/G32	 PR/DIN/AC - PR/DIN/AS - PR/DIN/AL

Housing material	polyamide UL94V-0
Approximative weight	688 g
Mounting information	adjacent without gap
Mounting rail according to IEC60715/TH35	 PR/3/OAC - PR/3/AS
Mounting rail according to IEC60715/G32	 PR/DIN/AC - PR/DIN/AS - PR/DIN/AL