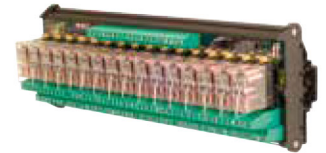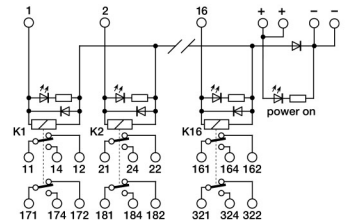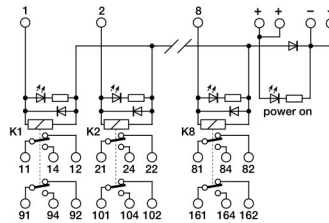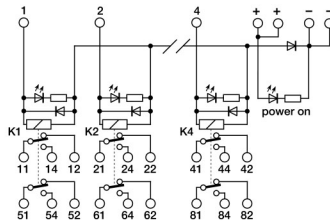# Multi-Relay Modules

- Pluggable relay
- DC input voltage
- DPDT contact
- Coils with negative common and positive command (PNP)

NOTE
Manufacturer and model of the relay is not binding, technical data are to be considered typical

CODE TYPE	XR042E24 R42E24	XR082E24 R82E24	XR162E24 R162E24
INPUT TECHNICAL DATA			
Input rated voltage	24 Vdc ±10%	24 Vdc ±10%	24 Vdc ±10%
Pull indrop out voltage type	16.8 V / 2.4 V	16.8 V / 2.4 V	16.8 V / 2.4 V
Current consumption	22 mA ±10%	22 mA ±10%	22 mA ±10%
Turn ON OFF time	10 ms / 5 ms	10 ms / 5 ms	10 ms / 5 ms
Frequency	—	—	—
Protection circuit	Free-wheel diode, Reverse polarity	Free-wheel diode, Reverse polarity	Free-wheel diode, Reverse polarity
Connection type	2.5 mm² screw type	2.5 mm² screw type and 16 poles connector	2.5 mm² screw type and 20 poles connector
Input channels	4 pluggable	8 pluggable	16 pluggable
OUTPUT TECHNICAL DATA			
Contact type	DPDT, 2 form C, AgSnO2	DPDT, 2 form C, AgSnO2	DPDT, 2 form C, AgSnO2
Output voltage	—	—	—
Nominal current	10 A (250 Vac)	10 A (250 Vac)	10 A (250 Vac)
Max current	10 A	10 A	10 A
Leakage current with signal 0	—	—	—
Min applicable load	—	—	—
Max fuse current	—	—	—
Connection type	2.5 mm² (AWG26-14), screw type	2.5 mm² (AWG26-14), screw type	2.5 mm² (AWG26-14), screw type
Protection circuit device	—	—	—
GENERAL TECHNICAL DATA			
Operating temperature range	-20...+70°C	-20...+70°C	-20...+70°C
Input output isolation	2.5 kVac / 60 s	2.5 kVac / 60 s	2.5 kVac / 60 s
Protection degree	IP 00	IP 00	IP 00
Reference Standards	—	—	—
Overvoltage category pollution degree	II / 2	II / 2	II / 2
Status indication	LED "DC OK" / LED "Relay"	LED "DC OK" / LED "Relay"	LED "DC OK" / LED "Relay"
Housing material	UL94V-0 plastic material	UL94V-0 plastic material	UL94V-0 plastic material
Dimensions	70x93x75 mm	137x93x75 mm	250x93x75 mm
Approximate weight	225 g	419 g	811 g
Mounting information	on a rail, side by side	on a rail, side by side	on a rail, side by side
APPROVALS	CE	CE	CE
ACCESSORIES			
Mounting rail IEC60715 TH35 75	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail IEC60715 TH35 15	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
Marking tag	—	—	—
Spare part relay	8904074	8904074	8904074