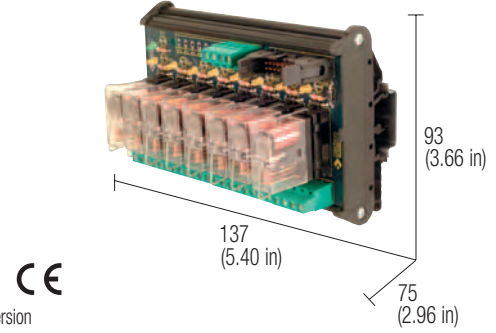
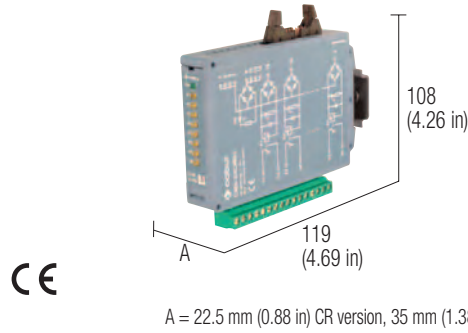


PLC S7 300 & S7 400 Interface modules

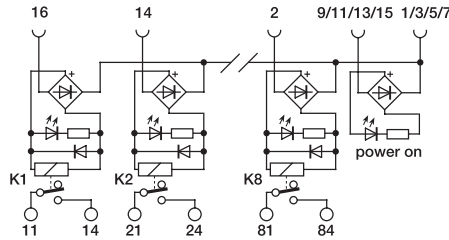
- Very compact dimension in CR version
- Fast connection
- Pluggable relay
- Status LED display



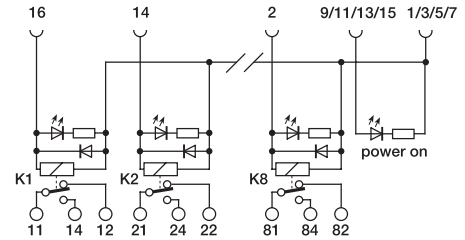
NOTES

(1) Relay model is not binding, they may be modified without prior warning. The technical data shown here is to be considered typical.
(2) Version available upon request.

BLOCK DIAGRAM



BLOCK DIAGRAM



VERSIONS

Pluggable relay
Fixed relay

Cat. No. XCRE83	Cat. No. XCR83
CRE8-3	CR8-3

Cat. No. XRF8124	
RFE8124	—

INPUT TECHNICAL DATA

Rated voltage	24 Vac/dc ± 10%
Rated current (1 channel)	16 mA ± 10%
Turn ON time	15 ms
Turn OFF time	5 ms
Protection circuit	bridge rectifier

Rated voltage	24 Vac/dc ± 10%
Rated current (1 channel)	16 mA ± 10%
Turn ON time	15 ms
Turn OFF time	5 ms
Protection circuit	bridge rectifier

Rated voltage	24 Vac/dc ± 10%
Rated current (1 channel)	20 mA ± 10%
Turn ON time	15 ms
Turn OFF time	10 ms
Protection circuit	damping & polarity protection diode

OUTPUT TECHNICAL DATA

Type and number of contacts	SPST(NO) per 8 relay
Nominal load (resistive)	10 A / 250 Vac
Current breaking power	2000 VA
Current of the fuse max.	—

Type and number of contacts	SPST(NO) per 8 relay
Nominal load (resistive)	10 A / 250 Vac
Current breaking power	2000 VA
Current of the fuse max.	—

Type and number of contacts	SPDT AgNiO per 8 relé
Nominal load (resistive)	10 A / 250 Vac
Current breaking power	10 A
Current of the fuse max.	—

GENERAL TECHNICAL DATA

Operating temperature range	-10...+50°C
Coil/contact isolation	3 kVac / 60 s
Isolation between output terminals	1 kVac / 60 s (between open contact)
Protection degree	IP 20 IEC 529, EN60529
Overtoltage category / Pollution degree	III / 2
Reference Standard	IEC 664-1, DIN VDE 0110.1
Status display	green LED / yellow LED
Connection terminal	flat cable 16 poles male
Housing material	UL94V-0 plastic material
Approx. weight	199 g (7.02 oz)
Mounting information	vertical on rail adjacent without gap

Operating temperature range	-10...+50°C
Coil/contact isolation	3 kVac / 60 s
Isolation between output terminals	1 kVac / 60 s (between open contact)
Protection degree	IP 20 IEC 529, EN60529
Overtoltage category / Pollution degree	III / 2
Reference Standard	IEC 664-1, DIN VDE 0110.1
Status display	green LED / yellow LED
Connection terminal	flat cable 16 poles male
Housing material	UL94V-0 plastic material
Approx. weight	199 g (7.02 oz)
Mounting information	vertical on rail adjacent without gap

Operating temperature range	-10...+50°C
Coil/contact isolation	2.5 kVac / 60 s
Isolation between output terminals	1 kVac / 60 s (between open contact)
Protection degree	IP 00 IEC 529, EN60529
Overtoltage category / Pollution degree	III / 2
Reference Standard	IEC 664-1, DIN VDE 0110.1
Status display	green LED / yellow LED
Connection terminal	flat cable 16 poles male and 2.5 mm ² fixed screw ty/e
Housing material	UL94V-0 plastic material
Approx. weight	342 g (12.07 oz)
Mounting information	vertical on rail adjacent without gap

MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/TH35	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail type according to IEC60715/G32	—
Replacement relay (1)	Cat. No. 8904042
Screw type jumper	red white blue

Mounting rail type according to IEC60715/TH35	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail type according to IEC60715/G32	—
Replacement relay (1)	Cat. No. 8904042
Screw type jumper	red white blue

Mounting rail type according to IEC60715/TH35	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail type according to IEC60715/G32	PR/DIN/AC - PR/DIN/AS - PR/DIN/AL
Replacement relay (1)	Cat. No. 8904001
Screw type jumper	red white blue