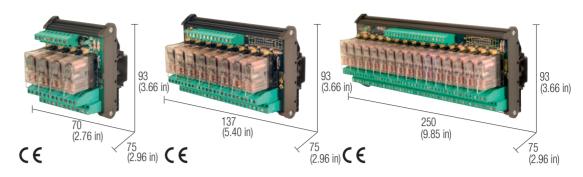
cabur

24 Vac/dc DPDT relay modules universal control voltage

- DC and AC control voltage
- Positive or negative control voltage
- Status LED display
- Pluggable relay



NOTES

The height dimension includes 35 mm DIN rail. (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.

POWER SUPPLY

A1 = +	A2 = -	negative common
A1 = -	A2 = +	positive common
Δ1 - ~	A2 = ~	AC nower supply

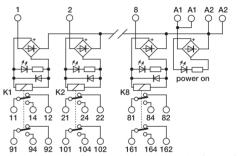
BLOCK DIAGRAM

4 relay module

VERSIONS	Cat. No. XR042EAD	Cat. No. XR082EAD	Cat. No. XR162EAD
4 relay module	R42EAD		
8 relay module		R82EAD	
16 relay module			R162EAD
INPUT TECHNICAL DATA			
Rated voltage		24 Vac/dc ± 10%	
Rated current (1 channel)	22 mA ± 10%		

Turn ON time 15 ms Turn OFF time 5 ms Protection circuit damping diode and bridge rectifier **OUTPUT TECHNICAL DATA** Type and number of contacts

DDDT A=N:
DPDT AgNi
8 A / 250 Vac
8 A
_



8 relay module

GENERAL TECHNICAL DATA

Nominal load (resistive) Current breaking power

Current of the fuse max

Operating temperature range Coil/contact isolation Isolation between output terminals Protection degree Overvoltage category / Pollution degree Reference Standard Status display Connection terminal Housing material Approx. weight Mounting information

16 relay module

MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/ Mounting rail type according to IEC60715/G32

Replacement relay (1) Screw type jumper

red white blue

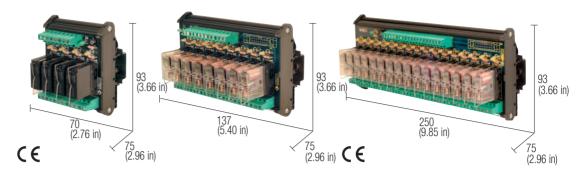
PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB

PR/DIN/AC - PR/DIN/AS - PR/DIN/AL Cat. No. 8904002

🗘 cabur

24 Vac/dc SPDT relay modules universal control voltage

- DC and AC control voltage
- Positive or negative control voltage
- Status LED display
- Pluggable relay



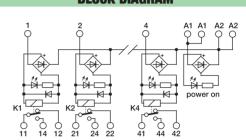
NOTES

The height dimension includes 35 mm DIN rail. (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.

POWER SUPPLY

A1 = +	A2 = -	negative common
A1 = -	A2 = +	positive common
A1 = ~	A2 = ~	AC power supply

BLOCK DIAGRAM



4 relay module

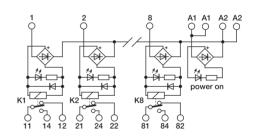
VERSIONS	Cat. No. XR041EAD	Cat. No. XR081EAD	Cat. No. XR161EAD		
4 relay module	R41EAD				
8 relay module		R81EAD			
16 relay module			R161EAD		
INPUT TECHNICAL DATA					
Rated voltage	24 Vac/dc ± 10%				
Rated current (1 channel)	$22 \text{ mA} \pm 10\%$				
Turn ON time	15 ms				
Turn OFF time	5 ms				
Protection circuit	damping diode and bridge rectifier				

OUTPUT	TECHNICAL	DATA

Type and number of contacts Nominal load (resistive) Current breaking power Current of the fuse max

SPDT	AgSnO ₂
	250 Vac

12 A



8 relay module

GENERAL TECHNICAL DATA

Operating temperature range Coil/contact isolation Isolation between output terminals

Protection degree

Overvoltage category / Pollution degree

Mounting rail type according to IEC60715/TH35

Reference Standard Status display

Connection terminal Housing material

Approx. weight Mounting information

MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/G32 Replacement relay (1)

Screw type jumper

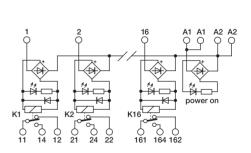
red white blue

-10...+50°C 2.5 kVac / 60 s 1 kVac / 60 s (between open contact) IP 00 IEC 529, EN60529 III/2 IEC 664-1, DIN VDE 0110.1 green LED / yellow LED 2.5 mm2 fixed screw type

UL94V-0 plastic material

192 g (6.76 oz) 688 g (24.29 oz) 345 g (12.18 oz) vertical on rail adjacent without gap

PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB PR/DIN/AC - PR/DIN/AS - PR/DIN/AL Cat. No. 8904001

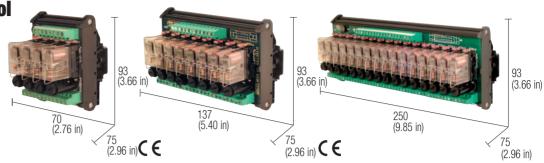


16 relay module

cabur

24 Vac/dc SPDT relay modules universal control voltage with fuse

- DC and AC control voltage
- Positive or negative control voltage
- Status LED display
- Pluggable relay
- Output contact with protection fuse



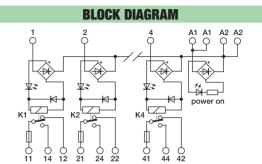
NOTES

The height dimension includes 35 mm DIN rail. (1) Relay model is not binding, they may be modified without prior warning. The technical data shown here is to be considered typical. (2) The interface is supplied without a fuse and the screw plug of the fuse-holder is provided in a bag inside the packaging. The fuse must be dimensioned according to load. The max. value of 6.3 A is referred to EN60127-complying fuses and the homologation rated current of the fuse-holder. Fuses of a higher value may damage the fuse-holder and module.

POWER SUPPLY					
A1 = +	A2 = -	negative common			
A1 = -	A2 = +	positive common			
A1 = ~	A2 = ~	AC power supply			

Cat. No. XR041U24F

R41U24F



4 relay module

		V	ᆸ	11	УII	U	П

4 relay illoudle
8 relay module
16 relay module

INPUT TECHNICAL DATA

Rated voltage
Rated current (1 channel)
Turn ON time
Turn OFF time
Protection circuit

K81UZ4F	
	R161U24F
24 Vac/dc ± 10%	
22 mA ± 10%	
15 ms	
10 ms	
damping diode and bridge rec	tifier

A1 A1 A2 A2 A1 A1 A2 A2 K1 Power on

8 relay module

OUTPUT TECHNICAL DATA

Type and number of contacts Nominal load (resistive) Current breaking power Current of the fuse max.

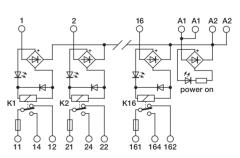
SPDT AgSnO ₂ per 4 relé	
12 A / 250 Vac	
12 A	
6,3 A (2)	

Cat. No. XR081U24F Cat. No. XR161U24F

GENERAL TECHNICAL DATA

Operating temperature range
Coil/contact isolation
Isolation between output terminals
Protection degree
Overvoltage category / Pollution degree
Reference Standard
Status display
Connection terminal
Housing material
Approx. weight
Mounting information

-10+50°C		
2.5 kVac / 60 s		
1 kVac / 60 s (between open contact)		
IP 00 IEC 529, EN60529		
III / 2		
IEC 664-1, DIN VDE 0110.1		
green LED / yellow LED		
2.5 mm ² fixed screw ty ^o e		
UL94V-0 plastic material		
210 g (7.41 oz)	326 g (11.51 oz)	770 g (27.18 oz)
vertical on rail adjacent without gap		



16 relay module

MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/TH35 Mounting rail type according to IEC60715/G32 Replacement relay (1)

Screw type jumper red white

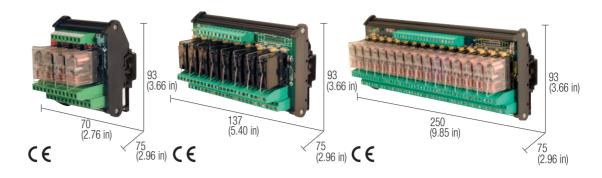
PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB PR/DIN/AC - PR/DIN/AS - PR/DIN/AL Cat. No. 8904001

_



24 Vdc DPDT relay modules negative common

- DC control voltage
- Negative control voltage
- Status LED display
- Pluggable relay



NOTES

The height dimension includes 35 mm DIN rail.
(1) Relay model is not binding, they may be modified without prior warning. The technical data shown here is to be considered typical.

BLOCK DIAGRAM			
K1 0 0 1 14 12 0 5 5 5 4 5 2	2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 14 14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	power on 42

4 relay module

VERSIONS	Cat. No. XR042E24	Cat. No. XR082E24	Cat. No. XR162E24
4 relay module	R42E24		
8 relay module		R82E24	
16 relay module			R162E24
INPUT TECHNICAL DATA			
Rated voltage		24 Vdc ± 10%	
Datad current (1 abannal)		00 m A + 100/	

 Rated voltage
 $24 \text{ Vdc} \pm 10\%$

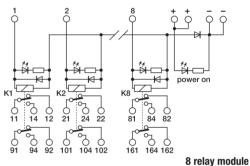
 Rated current (1 channel)
 $22 \text{ mA} \pm 10\%$

 Turn ON time
 15 ms

 Turn OFF time
 10 ms

 Protection circuit
 damping and polarity protection diode

diode		



GENERAL TECHNICAL DATA

OUTPUT TECHNICAL DATA

Type and number of contacts

Nominal load (resistive)

Current breaking power

Current of the fuse max

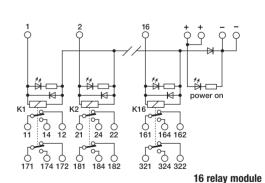
Operating temperature range
Coil/contact isolation
Isolation between output terminals
Protection degree
Overvoltage category / Pollution degree
Reference Standard
Status display
Connection terminal
Housing material
Approx. weight
Mounting information

-10+50°C		
2.5 kVac / 60 s		
1 kVac / 60 s (between open contact)		
IP 00 IEC 529, EN60529		
III / 2		
IEC 664-1, DIN VDE 0110.1		
green LED / yellow LED		
2.5 mm² fixed screw ty⁰e		
UL94V-0 plastic material		
225 g (7.94 oz) 419 g (14.78 oz)	811 g (28.60 oz)	
vertical on rail adjacent without gap		

DPDT AgNi

8 A / 250 Vac

8 A



MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/TH35
Mounting rail type according to IEC60715/G32
Replacement relay (1)
Screw type jumper red
white

PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB PR/DIN/AC - PR/DIN/AS - PR/DIN/AL Cat. No. 8904002 —