Plug-in Relays

▰ Power Relays Series RT

DESCRIPTION		AVAILABLE	ORDER NO.
Modules Matching Plug-in Socket for Power Relays RT			
LED module, red, 6-24V AC/DC, EM07			**YMLRA024**
LED module, red, 6-24V DC, A1+, EM18			**YMLRD024-A**
LED module, red, 6-24V DC, A1-, EM08			**YMLRD024**
LED module, red, 110-230V AC, EM06			**YMLRW230**
LED module, green, 6-24V AC/DC, EM11			**YMLGA024**
LED module, green 6-24V DC with protection diode, A1+, EM12			**YMLGD024**
LED module, green, 110-230V AC, EM10			**YMLGW230**
Protection diode module 6-230V DC, A1+, EM09			**YMFDG230**
RC Network module 6-60V AC, EM02			**YMRCW024**
RC Network module 110-230V AC, EM03			**YMRCW230**
Varistor module, 24V-AC, EM04			**YMVAW024**
Varistor module 230V-AC, EM05			**YMVAW230**

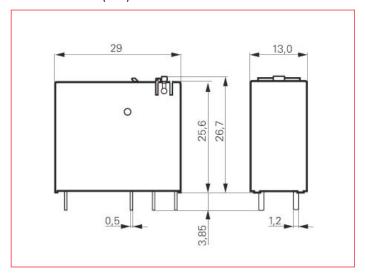## ▰ Pluggable Interface Relay XT

XT484LC4

RT7872P

YRT78624

YMLRA024

▰ Schrack-Info

- 1 pole 16 A, 2 poles 8 A, 1 or 2 CO
- AC or DC coil, sensitive coil 400 mW
- Reinforced insulation, appliance class II (VDE 0700)
- Safe disconnection compliant with VDE0160 in combination with socket YRT78626
- 4 kV, 8 mm coil/contact

- Lockable manual testing system (see drawing "How To Use")
- Optional model with mechanical and/or electrical indication
- Suitable for standard RT sockets
- Recyclable packaging
- Complies with the 2002/95/EC RoHS Directive
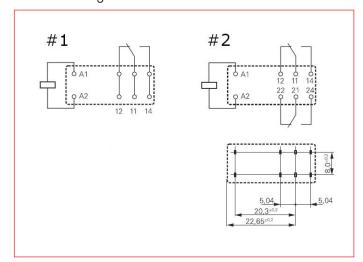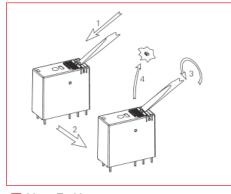- For control panels, machine building

▰ Dimensions (mm)

 Order no. blue: on stock, usually ready for delivery on the day of order

Pluggable Interface Relay XT
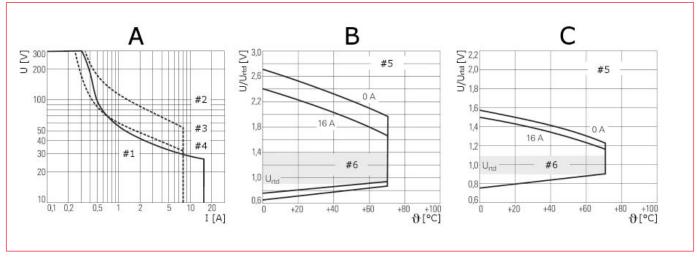
Circuit Diagrams

How To Use

How To Use

Description of the locking function: If the test button is pulled out to forcibly, it may skip the test position and move directly to the locking position. To go to the locking position, please remove the plastic locking cam (see drawing).

Circuit Diagrams

#1	16 A, 1 CO
#2	8 A, 2 CO
General info	View of the terminals, dimensions in mm

Rated Breaking Capacity & Coil Operating Voltage Range

Rated Breaking Capacity & Coil Operating Voltage Range

A	Max. DC rated breaking capacity	#1	1 pole 12 / 16 A resistive load
B	Coil operating range DC	#2	2 pole 8 A resistive load
C	Coil operating range AC	#3	2 contacts in series
U	DC voltage in [V]	#4	1 contact
U/U^{rtd}	Coil voltage in [V]	#5	Versions without LED
I	DC current in [A]	#6	Recommended voltage range in [V]
ϑ	Ambient temperature in [°C]		

Plug-in Relays

◢ Pluggable Interface Relay XT

◢ Technical Data

CONTACT DATA		1-POLE	2-POLE
Number of contacts and type		1 CO	2 CO
Contact style		Single contact	
Rated current		16 A	8 A
Rated voltage/ max. switching voltage AC		240 / 400 V~	
Limiting short-time current, 30 ms		300 A	
Max. rated breaking capacity AC		4000 VA	2000 VA
Inrush current (max. 4 s at 10 % DF)		30 A	15 A
Contact material		AgNi 90/10	
Minimal contact load		12 V / 10 mA	
COIL DATA			
Rated voltage	DC coil	6...110 V	
	AC coil	24...230 V~	
Rated power	DC coil	typ. 400 mW	
	AC coil	typ. 0.75 VA	
Operative range, IEC 61810		2	
Coil insulation system according to UL1446		Class F	
Operation-/ release voltage/ coil resistance	24 V DC coil	16.8 V / 2.4 V / 1440 Ω ± 10 %	
at ambient temperature 23 °C	24 V AC coil	18 V / 3.6 V / 350 Ω ± 10 %	
	230 V AC coil	172.5 V / 34.5 V / 32500 Ω ± 10 %	

DESCRIPTION	AVAILABLE	ORDER NO.
Pluggable Interface Relay XT		
24V-DC, 1 CO, 16A, with LED and protection diode		**XT374LC4**
24V-DC, 2 CO, 8A, with LED and protection diode		**XT484LC4**
24V-AC, 2 CO, 8A, with LED		**XT484R24**
230V-AC, 2 CO, 8A, with LED		**XT484T30**
Spring Clamp Terminal Socket for Relays Series XT		
DIN rail mounted plug-in socket for RT2x, RT3x, RT4x, XT, RP4x relays, pinning 5mm, max. 16A, with spring clamp terminals		**RT7872P**
Retaining clip for RT relays with ejection function		**RT17017**
Retaining clip for XT and RP relays with ejection function		**XT17017**
Jumper link for connection of RT7872P		**RT170P1**
Plug-in Socket for Relays Series XT		
DIN rail mounted plug-in socket for RT1x relays, pinning 3.5mm, max. 12A, I/O - logical arrangement, with screw terminals		**YRT78624**
DIN rail mounted plug-in socket for XT, RT2x, RT3x, RT4x relays, pinning 5mm, max. 12A, I/O - logical arrangement, with screw terminals		**YRT78626**
DIN rail mounted plug-in socket for RT2x, RT3x, RT4x relays, pinning 5mm, max. 16A, conventional arrangement, with screw terminals		**RT78725**
Retaining clip for RT relays with ejection function		**RT17017**
Retaining clip for XT and RP relays with ejection function		**XT17017**
Jumper bar for connection of up to 8 RT-sockets		**RT170R8**
Marking tag (for YRT sockets YRT78624 and YRT78626)		**YRT16040**
Accessories for Series XT Sockets		
LED module, red, 6-24V AC/DC, EM07		**YMLRA024**
LED module, red, 6-24V DC, A1+, EM18		**YMLRD024-A**
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