

Introducing SCHRACK XT Series Interface Plug-in Relay

SCHRACK XT Series Interface Plug-in Relays

KEY FEATURES

Choice of 1 form C (SPDT)
or 2 form C (DPDT) models

SPDT rated 16A @ 240VAC;
DPDT rated 8A @ 240VAC

Plugs into same sockets as
our RT series relays

Sensitive DC coil (400mW)
or AC coil (.58VA @ 60Hz)

Compact design is only .54"
in (13.7 mm) wide

Test lever, mechanical indica-
tor, LED indicator and pro-
tection diode options

4kV (8mm) coil-to-contact
isolation

Reinforced insulation, pro-
tection class II (VDE 0700)



DESCRIPTION

Slim, compact general purpose relay in one or two pole configurations for plug-in mounting.

APPLICATIONS

Panel interface applications in industrial machinery and other systems.

MECHANICAL

Robust terminals withstand plugging, unplugging.
Optional mechanical test lever which may be customized for momentary or locking operation.

STANDARDS AND SPECS

UL Recognized for the US and Canada, file number E214025.
VDE approved, registration number B758.

ELECTRICAL

Contact Data
Contact Arrangements & Ratings: 1 Form C (SPDT) rated 16A @ 240VAC;
2 Form C (DPDT) rated 8A @ 240VAC.

Contact Material: Silver Nickel 90/10
Expected Life: 50,000 operations with DC coil at rated load;
30,000 operations with AC coil at rated load.

Coil Data
Coil Voltage: 12 to 110VDC and 24 to 230VAC. Others on request.
Coil Power: 400mW; 0.76VA @ 50 Hz. / 0.58VA @ 60 Hz

Initial Dielectric Strength
Coil-to-Contacts: 5,000Vrms, when used with socket RT78726;
4,000Vrms, when used with socket RT78725.

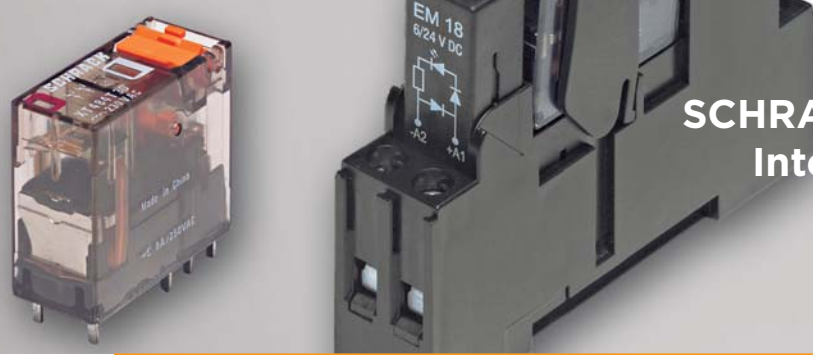
Between Open Contacts: 1,000Vrms.
Between Poles: 2,500Vrms.

ENVIRONMENTAL

Operating Temperature Range: -40°C to +70°C.
Vibration Resistance (functional): 20G, 30-500Hz for NO contact;
5G, 30-500 Hz for NC contact.

Shock Resistance (destructive): 100G.

SCHRACK XT Series Interface Plug-in Relays

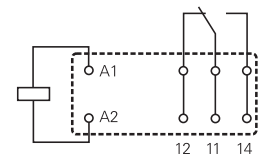
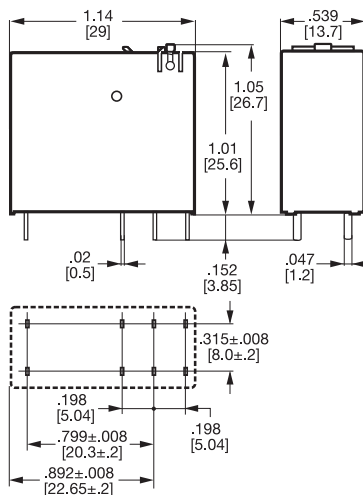


PRODUCT OFFERING

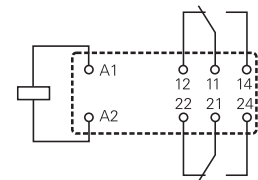
Part Number	Contact Arrangement	Coil Voltage	Test Lever & Mechanical Indicator	Optional Circuit	Internal Part Number
XT314012	1 Form C (SPDT)	12VDC	No	No	1887100-2
XT314024	1 Form C (SPDT)	24VDC	No	No	1887100-3
XT374LB2	1 Form C (SPDT)	12VDC	Yes	LED & PD	1887112-3
XT374LC4	1 Form C (SPDT)	24VDC	Yes	LED & PD	1887112-1
XT314524	1 Form C (SPDT)	24VAC	No	No	1887101-3
XT314615	1 Form C (SPDT)	115VAC	No	No	1887101-7
XT374R24	1 Form C (SPDT)	24VAC	Yes	LED	1887113-3
XT374S15	1 Form C (SPDT)	115VAC	Yes	LED	1887113-4
XT374T30	1 Form C (SPDT)	230VAC	Yes	LED	1887113-1
XT424012	2 Form C (DPDT)	12VDC	No	No	1887200-2
XT424024	2 Form C (DPDT)	24VDC	No	No	1887200-3
XT484LB2	2 Form C (DPDT)	12VDC	Yes	LED & PD	1887212-3
XT484LC4	2 Form C (DPDT)	24VDC	Yes	LED & PD	1887212-1
XT424524	2 Form C (DPDT)	24VAC	No	No	1887201-3
XT424615	2 Form C (DPDT)	115VAC	No	No	1887201-7
XT424R24	2 Form C (DPDT)	24VAC	Yes	LED	1887213-3
XT424S15	2 Form C (DPDT)	115VAC	Yes	LED	1887213-4
XT424T30	2 Form C (DPDT)	230VAC	Yes	LED	1887213-1

Chart above reflects some of the more common part numbers. Relays with different options are available.

OUTLINE DIMENSIONS & WIRING DIAGRAMS



1 Form C
(SPDT)



2 Form C
(DPDT)

ACCESSORIES

NOTE: All relay and accessory part numbers listed in the column at right are RoHS compliant.

Note: Specifications and availability are subject to change without notice. Consult data sheet 1-1773450-2 for detailed specifications.

Part Number	Description	Internal Part Number
RT78726	Screw terminal socket, DIN mount, logical terminal arrangement	6-1415035-1
RT78725	Screw terminal socket, DIN mount, conventional terminal arrangement	1860306-1
RT7872P	Poke-in (screwless) terminal socket, DIN mount, logical terminal arrangement	1860200-1
XT17017	Plastic retaining clip for use with XT relay and the above-listed sockets	2022104-1
RT17040	Marking tag for use with the above-listed sockets	2-1415038-1
RT170P1	Jumper bar for use with RT7872P sockets	1860211-1
PTM...	Plug-in LED and protection modules for optional use with above-listed sockets	Various

FOR MORE INFORMATION

Technical Support

Internet: www.tycoelectronics.com
E-mail: newproducts@tycoelectronics.com
USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 52-55-1106-0800
C. America: 57-1-254-4444
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-208-420-8341

Tyco Electronics Corporation
Harrisburg, PA

tycoelectronics.com

Copyright 2008 By Tyco Electronics Corporation
1-1773450-1—0.0M—KRG/PDF 03-08
SCHRACK, the TE logo and Tyco Electronics are trademarks.

 **Tyco Electronics**
Our commitment. Your advantage.