



# CONTROL RELAYS

**XTRE Series Starts at \$75**



- For Use with Mini and Standard Frame Size Contactors and Starters
- Coil Voltage: 110V 50 Hz, 120V 60 Hz
- Easy Snap-On Front Mount Auxiliary Contacts

XT Control Relays are a standard frame control relay which can be purchased with auxiliary contacts. Because XT meets UL, CSA, CCC and CE standards, it is the perfect product solution for IEC applications all over the world. The compact, space saving, and easy to install XT line of IEC contactors and starters is the efficient and effective solution for customer applications.

## SPECIFICATIONS

**Standards:** IEC/EN 60947, VDE 0660, UL, CSA, CCC, RoHS

**Weights in kg (lb):** 0.23 (0.51)

**Mechanical Life:** 20,000,000

**Mechanical Operating Frequency (ops/hr) AC Operated:** 9000

**Climatic Proofing:** Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclical, to IEC 60068-2-30

**Ambient Temperature:**

**Open:** -25 to 60°C (-13 to 140°F)

**Enclosed:** -25 to 40°C (-13 to 104°F)

**Ambient Storage Temperature:** -40 to 80°C (-40 to 176°F)

**Mechanical Shock Resistance (IEC/EN 60068-2-27) Half-Sinusoidal Shock 10 ms Base Unit with Auxiliary Contact Module:**

**Make Contact:** 7 g

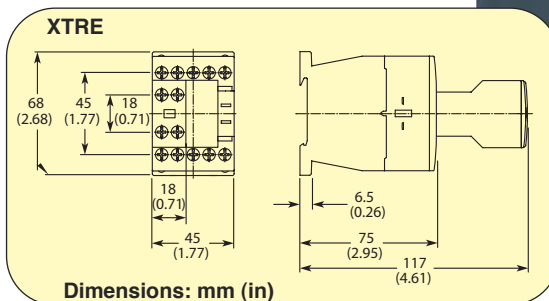
**Break Contact:** 5 g

XTCEXFAC02-5PK, \$112



XTRE10B22A, \$75

All models shown smaller than actual size.



**Degree of Protection:** IP20

**Protection Against Direct Contact When Actuated from Front (IEC 536):** Finger- and Back-of-Hand Proof

**Terminal Capacity Main Cable—Screw Terminals**

**Solid (mm<sup>2</sup>):** 1 x (0.75 to 4), 2 x (0.75 to 2.5)

**Flexible with Ferrule (mm<sup>2</sup>):** 1 x (0.75 to 2.5), 1 x (0.75 to 2.5)

**Solid or Stranded (AWG):** 18 to 14

**Terminal Screw:** M3.5

**Pozidriv Screwdriver:** Size 2

**Standard Screwdriver (mm):** 0.8 x 5.5, 1 x 6

**Tightening Torque Nm lb-in:** 1.2

**Contacts Interlocked Opposing Contacts to ZH 1/457 with an Auxiliary Contact Module:** YES

**Rated Impulse Withstand Voltage, (Uimp) Vac:** 6000

**Overvoltage Category/ Pollution Degree:** III/3

**Rated Insulation Voltage, (Ui) Vac:** 690

**Rated Operational Voltage, (Ue) Vac:** 690

**Safe Isolation to VDE 0106 Part 101 and Part 101(A) in Vac**

**Between Coil and Auxiliary Contacts:** 400

**Between the Auxiliary Contacts:** 400

**Rated Operational Current, Ie:**

AC-15 220V/240V Ie: 6 A

380/415V Ie: 4 A

500V Ie: 1.5 A

**Control Circuit Reliability (at Ue = 24 Vdc, Umin = 17V, Imin = 5.4 mA)**

10<sup>-8</sup>, < one failure at 100 million operations

**Conventional Thermal Current, Ith:** 16 A

**Current Heat Losses at Load of Ith:** 0.3

## To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
XTRE10B22A	\$75.00	Control relay 10 A frame B 2 NO 2 NC 110/50 120/60 coil
XTRE10B31A	75.00	Control relay 10 A frame B 3 NO 1 NC 110/50 120/60 coil
XTRE10B40A	75.00	Control relay 10 A frame B 4 NO 1 10/50 120/60 coil

Comes with complete operator's manuals.

Ordering Example: 2 XTRE10B22A, relays, XTCEXFAC11-5PK, auxiliary contacts, XTCEXMLB, mechanical interlock, \$75 + 75 + 112 + 15.25 = \$277.25.

## ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
XTCEXFAC02-5PK	\$112.00	5 pack of front mounted snap-on auxiliary contacts seq a frame B-C 2 NC
XTCEXFAC11-5PK	112.00	5 pack of front mounted snap-on auxiliary contacts seq a frame B-C 1 NO 1 NC
XTCEXFAC20-5PK	112.00	5 pack of front mounted snap-on auxiliary contacts seq a frame B-C 2 NO
XTCEXMLB	15.25	Contactor accessory mechanical interlock frame B

**IN STOCK FOR FAST DELIVERY**



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