



CONTROL RELAYS

XTRE Series Starts at \$71

XTCEXFAC02-5PK, \$101



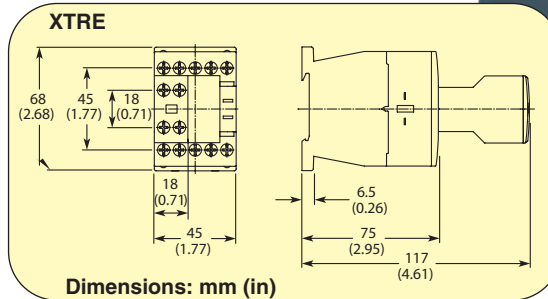
XTRE10B22A, \$71

All models shown smaller than actual size.



- 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

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 (mm²): 1 x (0.75 to 4), 2 x (0.75 to 2.5)

Flexible with Ferrule (mm²): 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)

10⁻⁸, < 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)

IN STOCK FOR FAST DELIVERY

MODEL NO.	PRICE	DESCRIPTION
XTRE10B22A	\$71	Control relay 10 A frame B 2 NO 2 NC 110/50 120/60 coil
XTRE10B31A	71	Control relay 10 A frame B 3 NO 1 NC 110/50 120/60 coil
XTRE10B40A	71	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, \$71 + 71 + 101 + 15 = \$258.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
XTCEXFAC02-5PK	\$101	5 pack of front mounted snap-on auxiliary contacts seq a frame B-C 2 NC
XTCEXFAC11-5PK	101	5 pack of front mounted snap-on auxiliary contacts seq a frame B-C 1 NO 1 NC
XTCEXFAC20-5PK	101	5 pack of front mounted snap-on auxiliary contacts seq a frame B-C 2 NO
XTCEXMLB	15	Contactors accessory mechanical interlock frame B

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters