

Relays and Timers



Relays and Timers

Product Description


Eaton's new line of **XT** relays and timers includes mini and standard frame control relays and auxiliary contacts, mini electronic on-delay and multi-function timers and an electronic star-delta (wye-delta) timer for use in star-delta (wye-delta) combinations. Because **XT** meets UL®, CSA® 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.

Features

- For use with mini and standard frame size contactors and starters
- Control relays
 - AC control from 12V to 550V 50 Hz, 600V 60 Hz
 - DC control from 12V to 220V
- On-delay and multi-function timers
 - 24–240 Vac/Vdc control
- Available with screw or spring cage terminals
- Four-pole configurations
- IP20 finger and back-of-hand proof
- Large ambient temperature range: –25° to 50°C [–13° to 122°F]
- The XTRE control relays have positively driven contacts between the relay and the auxiliary contact modules as well as within the auxiliary contact modules

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Standards and Certifications

- IEC EN 60947
- CE approved
- UL
- CSA



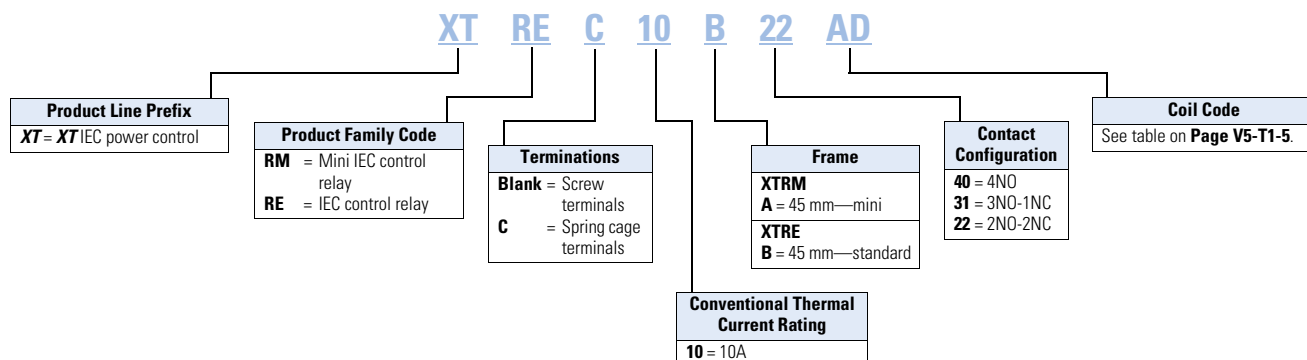
Instructional Leaflets

Pub51219	XTRM Mini Control Relays
Pub51210	XTRE Control Relays
Pub51244	XTTR Electronic Star-Delta (Wye-Delta) Timer
Pub51245	XTMT Mini Electronic On-Delay and Multi-Function Timers

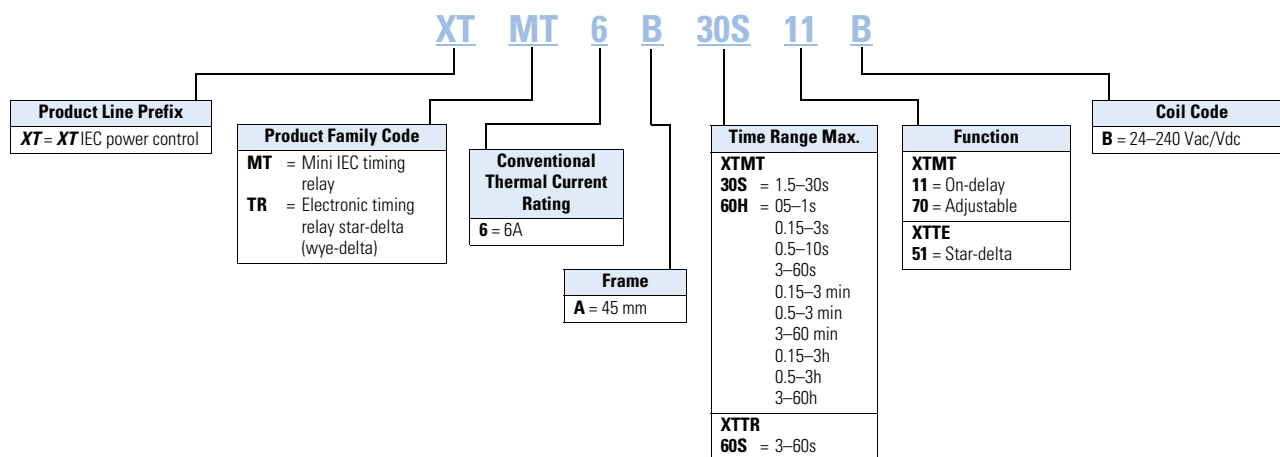
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Catalog Number Selection

XT—Relays



XT—Timers



Mini Electronic Timers

XTMT6A



Mini Electronic On-Delay Timers

Conventional Thermal Current I_e (A)	Rated Operational Current I_e AC-11 Amps		Time Range	Function	Terminal Marking According to EN 50042	Catalog Number
6	3	3	1.5–30 sec	Fixed, on-delay		XTMT6A30S11B
6	3	6	0.05–1 sec 0.15–3 sec 0.5–10 sec 3–60 sec 0.15–3 min 0.5–10 min 3–60 min 0.15–3h 0.5–10h 3–60h	Fixed, on-delay		XTMT6A60H11B
6	3	3	0.05–1 sec 0.15–3 sec 0.5–10 sec 3–60 sec 0.15–3 min 0.5–10 min 3–60 min 0.15–3h 0.5–10h 3–60h	Adjustable: on-delay; fleeting contact on energization; flashing; pulse generating; ON-OFF		XTMT6A60H70B

Electronic Star-Delta (Wye-Delta) Timers

XTTR6A60S51



Electronic Star-Delta (Wye-Delta) Timers

Conventional Thermal Current I_e (A)	Rated Operational Current I_e AC-11 Amps		Time Range	Function	Terminal Marking According to EN 50042	Catalog Number
6	3	3	3–60 sec	Fixed, star-delta		XTTR6A60S51B

Actuating Voltage

24–240 50/60 Hz
24–240 Vdc

Admissible Cable Length

Cable unscreened, with cable cross-section 0.5–1.5 mm²
Two-core cable
Two-core cable in the same cable duct with the main cable, 50/60 Hz

Connection to

Y1/Y2, Z1/Z2
M250
M50