

#### XTMC Miniature Contactor



### Miniature Controls

#### Product Description

Eaton's new line of **XT** miniature controls includes non-reversing and reversing mini contactors, mini overload relays and snap-on accessories. A wide range of applications is possible, including small electrical motors from fractional to 5 hp (460 Vac) or up to 4 kW (400 Vac).

#### Application Description

Due to its compact size, the **XT** line of mini controls is best suited to be applied in light-duty loads, such as hoisting, packaging, material handling, heating, lighting and automation systems. **XT** mini contactors are a particularly compact, economic and environmentally friendly solution wherever control of small motors or loads is required.

#### Features

##### Mini Contactors—Types XTMC and XTMF, 6–9A

- AC control from 12V to 550V 50 Hz, 600V 60 Hz
- DC control from 12V to 220V
- Reversing or non-reversing
- Three- and four-pole configurations
  - Three-pole XTMC
  - Four-pole XTMF
- Panel or DIN rail mounting
- IP20 finger and back-of-hand proof
- Low noise operation
- High degree of climatic proofing
- Large ambient temperature range –25° to 50°C [–13° to 122°F]

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#### Standards and Certifications

- IEC EN 60947
- CE approved
- UL
- CSA
- CCC

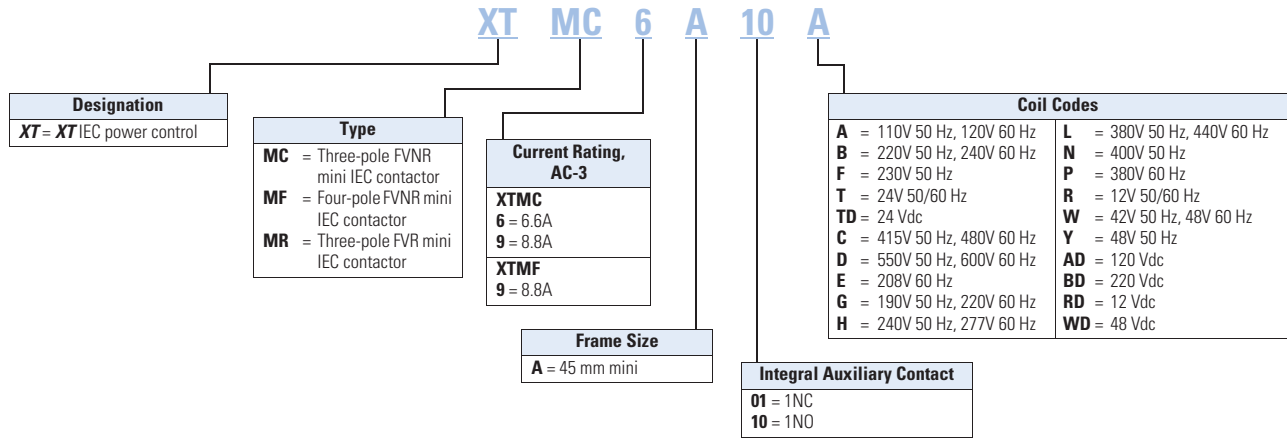


**Instructional Leaflets**

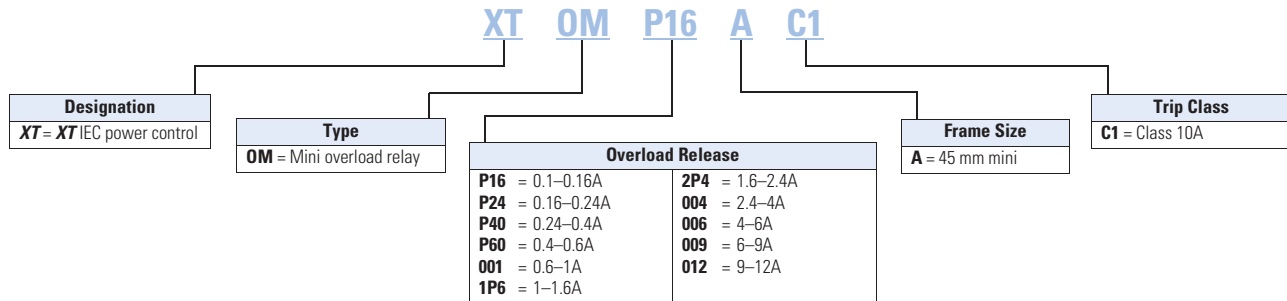
- Pub51219 XTMC, XTMF Mini Contactors, XTRM Mini Control Relay and Accessories
- Pub51243 XTOM Mini Overload Relays
- Pub51206 Mini Reversing Link Kits
- MN03402002E XTOM Mini Overload Relays Installation and User Manual

**Catalog Number Selection**

**XT IEC Miniature Contactors**



**XT IEC Miniature Overload Relays**



## Magnet Coil Suffix

Coil Voltage	Suffix Code	Coil Voltage	Suffix Code	Coil Voltage	Suffix Code	Coil Voltage	Suffix Code
110V 50 Hz, 120V 60 Hz	<b>A</b>	415V 50 Hz, 480V 60 Hz	<b>C</b>	400V 50 Hz	<b>N</b>	120 Vdc	<b>AD</b>
220V 50 Hz, 240V 60 Hz	<b>B</b>	550V 50 Hz, 600V 60 Hz	<b>D</b>	380V 60 Hz	<b>P</b>	220 Vdc	<b>BD</b>
230V 50 Hz	<b>F</b>	208V 60 Hz	<b>E</b>	12V 50/60 Hz	<b>R</b>	12 Vdc	<b>RD</b>
24V 50/60 Hz	<b>T</b>	190V 50 Hz, 220V 60 Hz	<b>G</b>	24V 50 Hz	<b>U</b>	48 Vdc	<b>WD</b>
24 Vdc	<b>TD</b> ①	240V 50 Hz, 277V 60 Hz	<b>H</b>	42V 50 Hz, 48V 60 Hz	<b>W</b>	—	—
—	—	380V 50 Hz, 440V 60 Hz	<b>L</b>	48V 50 Hz	<b>Y</b>	—	—

## Mini Overload Relays

## Mini Overload Relays ②③



Overload Release I <sub>n</sub>	Trip Class	Contact Sequence	Contact Configuration	Short-Circuit Protection (A)			CEC/NEC Fuse	Catalog Number
				Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Circuit Breaker		
0.1–0.16A	10A	97 95	1NO-1NC	20	0.5	15	—	<b>XTOMP16AC1</b>
0.16–0.24A	10A		1NO-1NC	20	1	15	—	<b>XTOMP24AC1</b>
0.24–0.4A	10A		1NO-1NC	20	2	15	—	<b>XTOMP40AC1</b>
0.4–0.6A	10A		1NO-1NC	20	2	15	—	<b>XTOMP60AC1</b>
0.6–1A	10A		1NO-1NC	20	4	15	3	<b>XTOM001AC1</b>
1–1.6A	10A		1NO-1NC	20	6	15	6	<b>XTOM1P6AC1</b>
1.6–2.4A	10A		1NO-1NC	20	6	15	6	<b>XTOM2P4AC1</b>
2.4–4A	10A		1NO-1NC	20	—	15	15	<b>XTOM004AC1</b>
4–6A	10A		1NO-1NC	20	—	15	20	<b>XTOM006AC1</b>
6–9A	10A		1NO-1NC	20	—	15	35	<b>XTOM009AC1</b>
9–12A	10A		1NO-1NC	—	—	—	45	<b>XTOM012AC1</b>

## Notes

- ① With DC operation: Integrated diode resistor combination, coil rating 2.6W.  
 ② Short-circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting. See MN03402002E for more information.  
 ③ When fitted directly to the contactor, a clearance of at least 5 mm is required between the overload relays.

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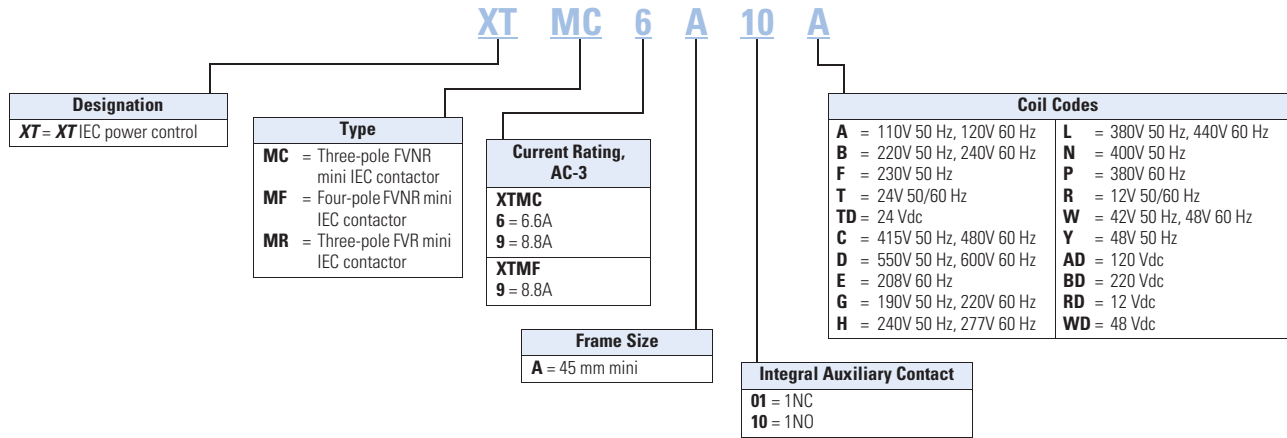


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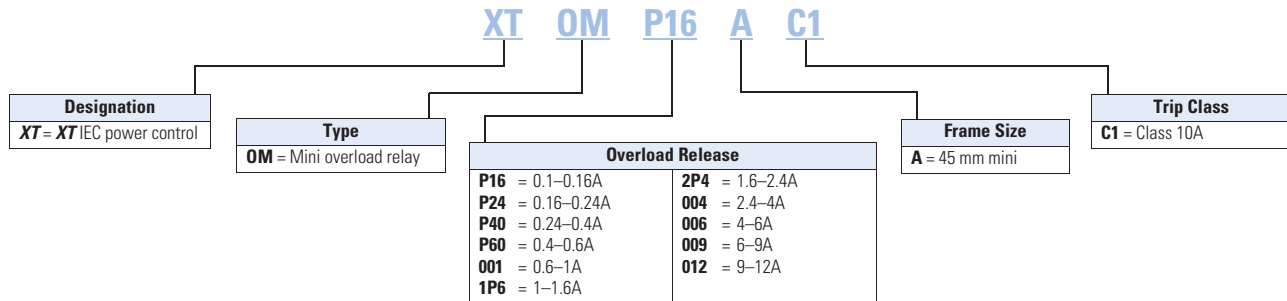
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**XT IEC Miniature Overload Relays**



## Magnet Coil Suffix

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220V 50 Hz, 240V 60 Hz	<b>B</b>
230V 50 Hz	<b>F</b>
24V 50/60 Hz	<b>T</b>
24 Vdc	<b>TD</b> ①
—	—

Coil Voltage	Suffix Code
415V 50 Hz, 480V 60 Hz	<b>C</b>
550V 50 Hz, 600V 60 Hz	<b>D</b>
208V 60 Hz	<b>E</b>
190V 50 Hz, 220V 60 Hz	<b>G</b>
240V 50 Hz, 277V 60 Hz	<b>H</b>
380V 50 Hz, 440V 60 Hz	<b>L</b>

Coil Voltage	Suffix Code
400V 50 Hz	<b>N</b>
380V 60 Hz	<b>P</b>
12V 50/60 Hz	<b>R</b>
24V 50 Hz	<b>U</b>
42V 50 Hz, 48V 60 Hz	<b>W</b>
48V 50 Hz	<b>Y</b>

Coil Voltage	Suffix Code
120 Vdc	<b>AD</b>
220 Vdc	<b>BD</b>
12 Vdc	<b>RD</b>
48 Vdc	<b>WD</b>
—	—
—	—

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XTOM\_

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