

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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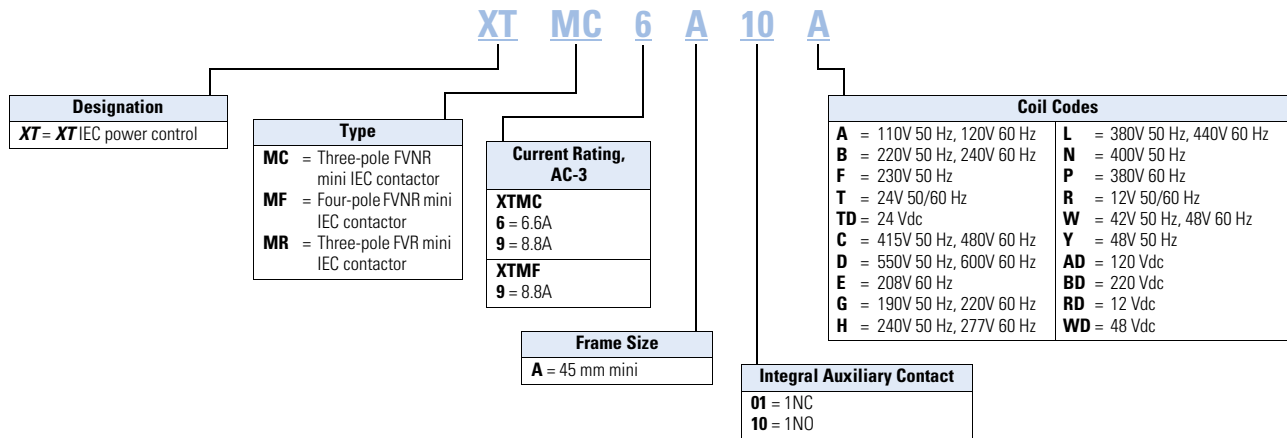
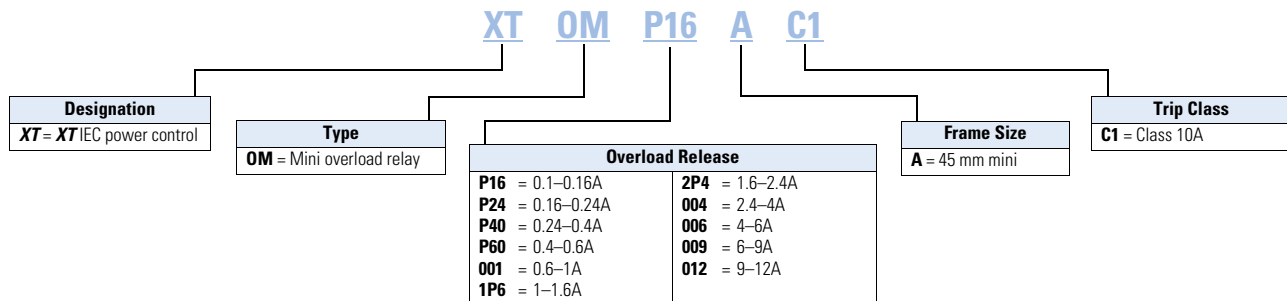
Standards and Certifications

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



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**

Product Selection

Full Voltage Non-Reversing Miniature Contactors

XTMC_



Maximum UL Ratings—Single-Phase and Three-Phase

Horsepower Ratings

Single-Phase			Three-Phase				Number of Power Poles	Auxiliary Contacts	Screw Terminal Catalog Number ^①
115V	200V	230V	200V	230V	460V	575V			
1/4	3/4	1	1-1/2	2	3	3	3	1NO	XTMC6A10_
1/4	3/4	1	1-1/2	2	3	3	3	1NC	XTMC6A01_
1/2	1	1-1/2	2	3	5	5	3	1NO	XTMC9A10_
1/2	1	1-1/2	2	3	5	5	3	1NC	XTMC9A01_
1/2	1	1-1/2	2	3	5	5	4	—	XTMF9A00_

Maximum IEC Ratings AC-3

Operational Current AC-3 Amp Rating 380/400V	Conventional Free Air Thermal Current AC-1 at 50°C	Three-Phase Motors 50–60 Hz				Number of Power Poles	Auxiliary Contacts	Screw Terminal Catalog Number ^①
		220–240V	380–400V	550V	660/690V			
6.6	20	1.5	3	3	3	3	1NO	XTMC6A10_
6.6	20	1.5	3	3	3	3	1NC	XTMC6A01_
8.8	20	2.2	4	4	4	3	1NO	XTMC9A10_
8.8	20	2.2	4	4	4	3	1NC	XTMC9A01_
8.8	20	2.2	4	4	4	4	—	XTMF9A00_

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	A	415V 50 Hz, 480V 60 Hz	C	380V 60 Hz	P	120 Vdc	AD
220V 50 Hz, 240V 60 Hz	B	550V 50 Hz, 600V 60 Hz	D ^③	12V 50/60 Hz	R ^③	220 Vdc	BD
230V 50 Hz	F	208V 60 Hz	E	42V 50 Hz, 48V 60 Hz	W	12 Vdc	RD
24V 50/60 Hz	T	190V 50 Hz, 220V 60 Hz	G	48V 50 Hz	Y	48 Vdc	WD
24 Vdc	TD ^②	240V 50 Hz, 277V 60 Hz	H	—	—	—	—
—	—	380V 50 Hz, 440V 60 Hz	L	—	—	—	—

Notes

IEC Utilization Categories, see **Page V5-T1-244**.

AC-1: Non-inductive or slightly inductive loads.

AC-3: Squirrel cage motors—starting, switching of motors during running.

AC-4: Squirrel cage motors—starting, plugging, inching.

① Underscore (_) indicates magnetic coil suffix required.

② With DC operation: Integrated diode resistor combination, coil rating 2.6W.

③ XTMF four-pole contactor not available with “D” or “R” coil voltage suffix.

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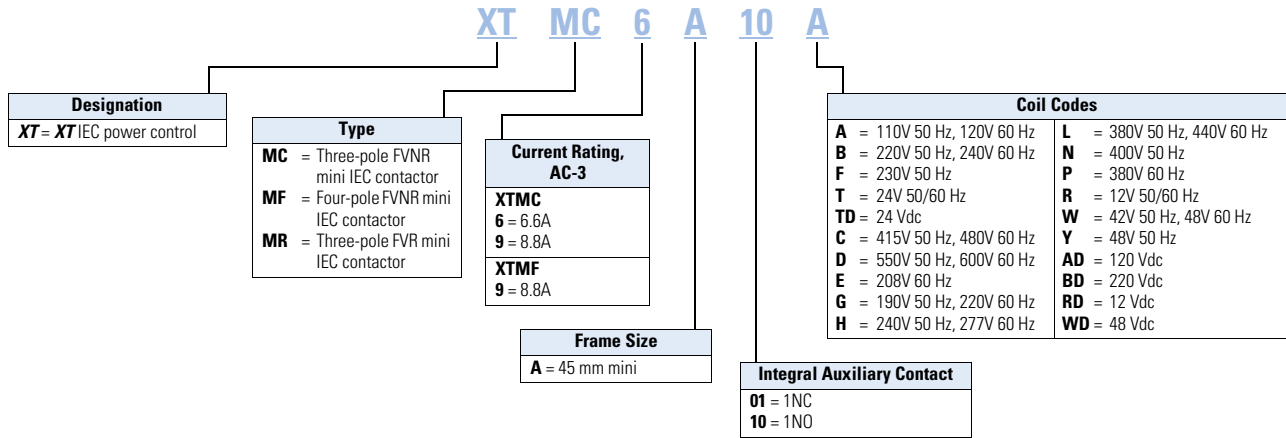


Instructional Leaflets

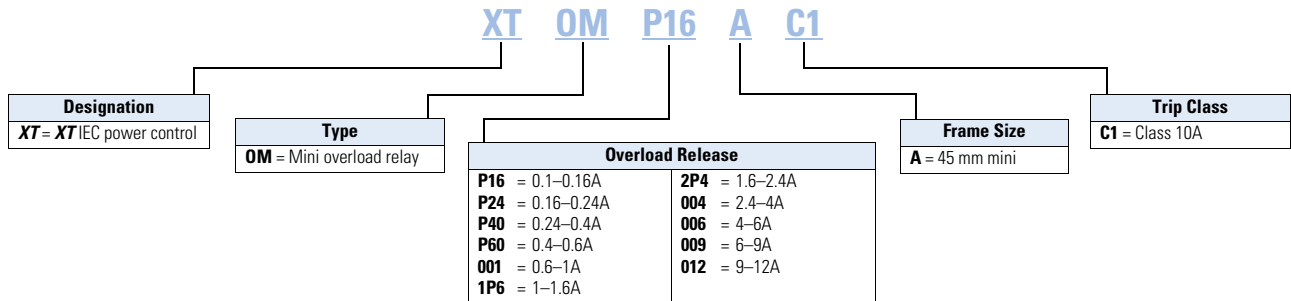
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