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XT Family of Contactors

Contactors and Starters

Product Description

Eaton's new line of **XT** Contactors and Starters includes non-reversing and reversing contactors, overload relays and a variety of related accessories. Because **XT** meets IEC, 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 from 7A to 2000A.

Features and Benefits

- AC control from 12V to 600V 50/60 Hz
- DC control from 12V to 220V
- Available with screw or spring cage terminals
- Reversing or non-reversing contactors and starters
- AC-3 contactor ratings to 1000A and AC-1 contactor ratings to 2000A
- Non-reversing starters to 650A
- Panel or DIN rail mounting to 65A
- IP20 finger and back-of-hand proof
- Large ambient temperature range, -25 to 50°C [-13 to 122°F]
- AC and DC controlled contactors in the same compact frame
- Low power consumption DC coils
- Built-in NO or NC auxiliary contacts to 32A
- Plug-in accessories for reduced installation time
- Coil replacement on Frames C – N (18 – 820A)
- Contact replacement on Frames D – N (40 – 820A)
- Integrated suppressor 7 – 150A DC operated contactors and 185 – 2000A AC and DC operated contactors

Standards and Certifications

- IEC EN 60947
- CE Approved
- UL
- CSA
- CCC
- ATEX
- RoHS



Note: For Type 2 Coordination, see Page 34-200.

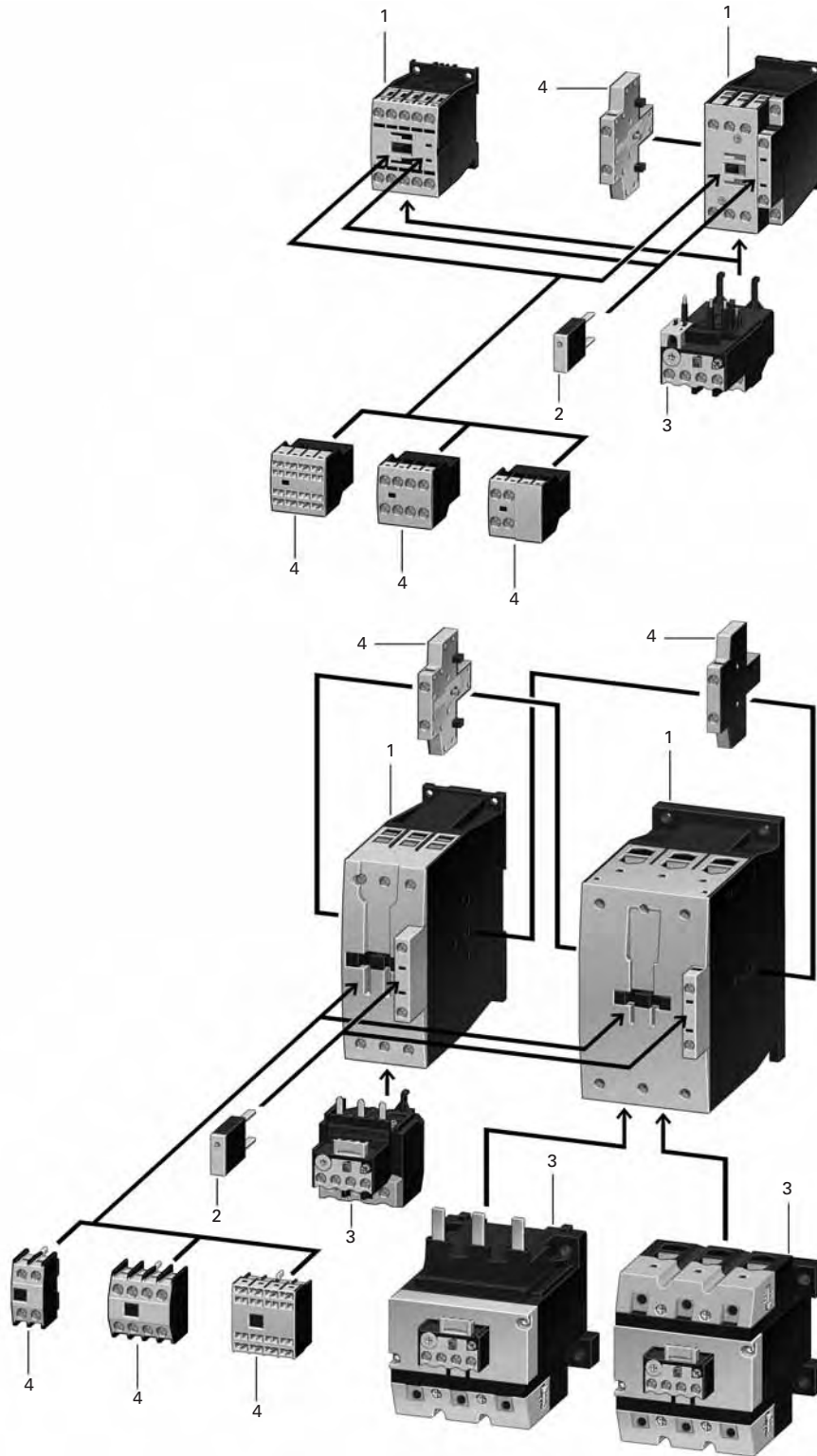


Table 34-46. Product Identification

No.	Description	Page
Contactor Up to 150A AC-3		
1	AC: ■ 12 – 600V, 50, 60, 50/60 Hz ■ $0.8 - 1.1 \times U_C$ DC: ■ 12 – 250V ■ XTCE...B_ (7 – 15A): $0.8 - 1.1 \times U_C$ ■ XTCE...C_ – XTCE...G_ (18 – 150A): $0.7 - 1.2 \times U_C$ ■ 24V: $0.7 - 1.3 \times U_C$ at 40°C without additional auxiliary contacts Coils for Special Voltages “Safe Isolation” to IEC 536 between coil and contacts	34-34
Suppressors		
2	■ RC suppressor ■ Varistor suppressor ■ Free-wheel diode suppressor	34-54
Overload Relays		
3	■ Can be mounted directly ■ Separate mounting, possible ■ Protection of EEx e motors	34-95
Auxiliary Contact Modules		
4	■ 2-pole, plug-in type ■ 4-pole, plug-in type ■ Overlapping contacts ■ 2-pole, side mounting	34-49

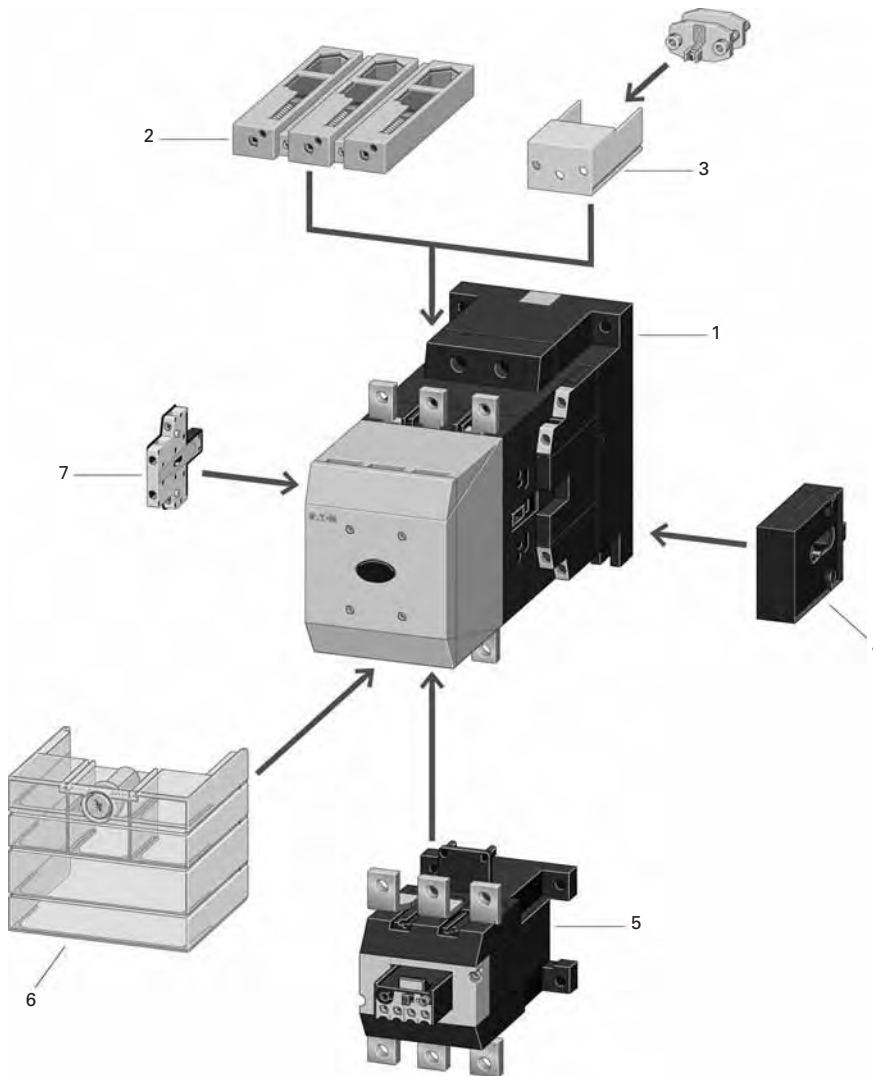


Table 34-47. XTCE185 – XTCEC20 Contactors

No.	Description	Page
XTCE Contactors for 185 – 2000A (AC-3)		
1	Multi-Voltage Coils: ■ 24 – 48V DC ■ 48 – 110V AC/DC ■ 110 – 250V AC/DC ■ 250 – 500V AC ■ $0.7 - 1.15 \times U_c$ Actuation Options: ■ Directly ■ From the PLC ■ With low-consumption contact Minimized pick-up and sealing power.	34-34
XTCS Contactors for 185 – 500A (AC-3)		
1	Control Voltages: ■ 110 – 120V 50/60 Hz ■ 220 – 240V 50/60 Hz Conventional operation.	34-35
Cable Terminal Block		
2	■ 1 or 2 conductors per phase ■ Round and flat conductor connectable ■ Finger-proof	34-58
Flat Strip Conductor Terminals		
3	■ 1 or 2 strips per phase ■ Control circuit terminal ■ Cover for fingerproofing	34-58
Mechanical Interlock		
4	■ Fits between contactors	34-56
Overload Relays		
5	■ Can be mounted directly ■ Separate mounting, possible ■ Protection of EEx e motors ■ PTB certificate	34-95
Terminal Shroud		
6	■ Finger-proof	34-58
Auxiliary Contact Modules		
7	■ 2-pole, side mounting	34-49

Catalog Number Selection

Table 34-48. XTIEC Contactors & Starters — Catalog Numbering System

XT CE C 007 B 01 AD P16																																			
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