

Overload Relays — XTOB, XTOT

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XTOB Overload Relay



XTOT Overload Relay

Catalog Number Selection

Table 34-124. XTIEC Overload Relays — Catalog Numbering System

| | | | | | | | | | | | | |
|--|--|---|---|--|--|--|--|---|--|---|--|--|
| XT | OB | P16 | B | C1 | S | | | | | | | |
| Designation XT = XT Line of IEC Control | Type OB = Bimetallic Overload Relay OT = Current Transformer Overload Relay | Overload Release | | Trip Class C1 = Class 10A C3 = Class 30 | Mounting BLANK = Direct to Contactor S = Separate Mount | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"> Frame B P16 = 0.1 – 0.16A P24 = 0.16 – 0.24A P40 = 0.24 – 0.4A P60 = 0.4 – 0.6A 001 = 0.6 – 1A 1P6 = 1.0 – 1.6A 2P4 = 1.6 – 2.4A 004 = 2.4 – 4A 006 = 4 – 6A 010 = 6 – 10A 012 = 9 – 12A 016 = 12 – 16A </td> <td style="padding: 2px;"> Frame G 035 = 25 – 35A 050 = 35 – 50A 070 = 50 – 70A 100 = 70 – 100A 125 = 95 – 125A 150 = 120 – 150A </td> </tr> <tr> <td colspan="2" style="padding: 2px;"> Frame L 070 = 50 – 70A 100 = 70 – 100A 125 = 95 – 125A 160 = 120 – 160A 220 = 160 – 220A 250 = 200 – 250A </td> </tr> <tr> <td colspan="2" style="padding: 2px;"> Frame M 063 = 42 – 63A 090 = 60 – 90A 125 = 85 – 125A 160 = 110 – 160A 240 = 160 – 240A 290 = 190 – 290A 400 = 270 – 400A 540 = 360 – 540A </td> </tr> <tr> <td colspan="2" style="padding: 2px;"> Frame N 063 = 42 – 63A 090 = 60 – 90A 125 = 85 – 125A 160 = 110 – 160A 240 = 160 – 240A 290 = 190 – 290A 400 = 270 – 400A 540 = 360 – 540A 630 = 420 – 630A </td> </tr> </table> | | Frame B P16 = 0.1 – 0.16A P24 = 0.16 – 0.24A P40 = 0.24 – 0.4A P60 = 0.4 – 0.6A 001 = 0.6 – 1A 1P6 = 1.0 – 1.6A 2P4 = 1.6 – 2.4A 004 = 2.4 – 4A 006 = 4 – 6A 010 = 6 – 10A 012 = 9 – 12A 016 = 12 – 16A | Frame G 035 = 25 – 35A 050 = 35 – 50A 070 = 50 – 70A 100 = 70 – 100A 125 = 95 – 125A 150 = 120 – 150A | Frame L 070 = 50 – 70A 100 = 70 – 100A 125 = 95 – 125A 160 = 120 – 160A 220 = 160 – 220A 250 = 200 – 250A | | Frame M 063 = 42 – 63A 090 = 60 – 90A 125 = 85 – 125A 160 = 110 – 160A 240 = 160 – 240A 290 = 190 – 290A 400 = 270 – 400A 540 = 360 – 540A | | Frame N 063 = 42 – 63A 090 = 60 – 90A 125 = 85 – 125A 160 = 110 – 160A 240 = 160 – 240A 290 = 190 – 290A 400 = 270 – 400A 540 = 360 – 540A 630 = 420 – 630A | | Frame Size Designation B = 45 mm C = 45 mm D = 55 mm G = 90 mm L = 140 mm BLANK = XTOT Only |
| Frame B P16 = 0.1 – 0.16A P24 = 0.16 – 0.24A P40 = 0.24 – 0.4A P60 = 0.4 – 0.6A 001 = 0.6 – 1A 1P6 = 1.0 – 1.6A 2P4 = 1.6 – 2.4A 004 = 2.4 – 4A 006 = 4 – 6A 010 = 6 – 10A 012 = 9 – 12A 016 = 12 – 16A | Frame G 035 = 25 – 35A 050 = 35 – 50A 070 = 50 – 70A 100 = 70 – 100A 125 = 95 – 125A 150 = 120 – 150A | | | | | | | | | | | |
| Frame L 070 = 50 – 70A 100 = 70 – 100A 125 = 95 – 125A 160 = 120 – 160A 220 = 160 – 220A 250 = 200 – 250A | | | | | | | | | | | | |
| Frame M 063 = 42 – 63A 090 = 60 – 90A 125 = 85 – 125A 160 = 110 – 160A 240 = 160 – 240A 290 = 190 – 290A 400 = 270 – 400A 540 = 360 – 540A | | | | | | | | | | | | |
| Frame N 063 = 42 – 63A 090 = 60 – 90A 125 = 85 – 125A 160 = 110 – 160A 240 = 160 – 240A 290 = 190 – 290A 400 = 270 – 400A 540 = 360 – 540A 630 = 420 – 630A | | | | | | | | | | | | |
| | | Frame C P16 = 0.1 – 0.16A P24 = 0.16 – 0.24A P40 = 0.24 – 0.4A P60 = 0.4 – 0.6A 001 = 0.6 – 1A 1P6 = 1.0 – 1.6A 2P4 = 1.6 – 2.4A 004 = 2.4 – 4A 006 = 4 – 6A 010 = 6 – 10A 016 = 10 – 16A 024 = 16 – 24A 032 = 24 – 32A | Frame D 010 = 6 – 10A 016 = 10 – 16A 024 = 16 – 24A 040 = 24 – 40A 057 = 40 – 57A 065 = 50 – 65A | Frame F 035 = 25 – 35A 050 = 35 – 50A 070 = 50 – 70A 100 = 70 – 100A | | | | | | | | |

Overload Relays — XT0B, XT0T

Product Selection

Table 34-125. Overload Relay

| | Overload Releases, I _r | Contact Sequence | Contact Configuration | For Use with Contactor Amp Range | Short-Circuit Protection (A) | | | Catalog Number | Price U.S. \$ |
|-------------------------------------|-----------------------------------|------------------|-----------------------|----------------------------------|------------------------------|----------------------------|--------------|----------------|---------------|
| | | | | | Fuse | Maximum Circuit Breaker | CEC/NEC Fuse | | |
| | | | | | Type 1 Coordination, gG/gL | Type 2 Coordination, gG/gL | | | |
| Frame B — Direct Mount | | | | | | | | | |
| | 0.1 – 0.16 | | 1NO-1NC | 7 – 15A | 25 | 0.5 | 25 | 3 | XTOBP16BC1 |
| | 0.16 – 0.24 | | 1NO-1NC | 7 – 15A | 25 | 1 | 25 | 3 | XTOBP24BC1 |
| | 0.24 – 0.4 | | 1NO-1NC | 7 – 15A | 25 | 2 | 25 | 3 | XTOBP40BC1 |
| | 0.4 – 0.6 | | 1NO-1NC | 7 – 15A | 25 | 4 | 25 | 3 | XTOBP60BC1 |
| | 0.6 – 1 | 1NO-1NC | 7 – 15A | 7 – 15A | 25 | 4 | 25 | 3 | XTOB001BC1 |
| | 1 – 1.6 | 1NO-1NC | 7 – 15A | 7 – 15A | 25 | 6 | 25 | 6 | XTOB1P6BC1 |
| | 1.6 – 2.4 | 1NO-1NC | 7 – 15A | 7 – 15A | 25 | 10 | 25 | 6 | XTOB2P4BC1 |
| | 2.4 – 4 | 1NO-1NC | 7 – 15A | 7 – 15A | 25 | 16 | 25 | 15 | XTOB004BC1 |
| | 4 – 6 | 1NO-1NC | 7 – 15A | 7 – 15A | 25 | 20 | 25 | 20 | XTOB006BC1 |
| | 6 – 10 | 1NO-1NC | 7 – 15A | 7 – 15A | 50 | 25 | 25 | 35 | XTOB010BC1 |
| | 9 – 12 | 1NO-1NC | 9 – 15A | 9 – 15A | 50 | 25 | 25 | 45 | XTOB012BC1 |
| | 12 – 16 | 1NO-1NC | 12 – 15A | 12 – 15A | 50 | 25 | 30 | 45 | XTOB016BC1 |
| Frame C — Direct Mount | | | | | | | | | |
| | 0.1 – 0.16 | | 1NO-1NC | 18 – 32A | 25 | 0.5 | 25 | 3 | XTOBP16CC1 |
| | 0.16 – 0.24 | | 1NO-1NC | 18 – 32A | 25 | 1 | 25 | 3 | XTOBP24CC1 |
| | 0.24 – 0.4 | | 1NO-1NC | 18 – 32A | 25 | 2 | 25 | 3 | XTOBP40CC1 |
| | 0.4 – 0.6 | | 1NO-1NC | 18 – 32A | 25 | 4 | 25 | 3 | XTOBP60CC1 |
| | 0.6 – 1 | 1NO-1NC | 18 – 32A | 18 – 32A | 25 | 4 | 25 | 3 | XTOB001CC1 |
| | 1 – 1.6 | 1NO-1NC | 18 – 32A | 18 – 32A | 25 | 6 | 25 | 6 | XTOB1P6CC1 |
| | 1.6 – 2.4 | 1NO-1NC | 18 – 32A | 18 – 32A | 25 | 10 | 25 | 6 | XTOB2P4CC1 |
| | 2.4 – 4 | 1NO-1NC | 18 – 32A | 18 – 32A | 25 | 16 | 25 | 15 | XTOB004CC1 |
| | 4 – 6 | 1NO-1NC | 18 – 32A | 18 – 32A | 25 | 20 | 25 | 20 | XTOB006CC1 |
| | 6 – 10 | 1NO-1NC | 18 – 32A | 18 – 32A | 50 | 25 | 25 | 25 | XTOB010CC1 |
| | 10 – 16 | 1NO-1NC | 18 – 32A | 18 – 32A | 63 | 35 | 30 | 25 | XTOB016CC1 |
| | 16 – 24 | 1NO-1NC | 18 – 32A | 18 – 32A | 100 | 35 | 30 | 25 | XTOB024CC1 |
| 24 – 32 | 1NO-1NC | 25 – 32A | 25 – 32A | 125 | 63 | 30 | 25 | XTOB032CC1 | |
| Frame D — Direct Mount | | | | | | | | | |
| | 6 – 10 | | 1NO-1NC | 40 – 65A | 50 | 25 | 25 | 25 | XTOB010DC1 |
| | 10 – 16 | | 1NO-1NC | 40 – 65A | 63 | 35 | 25 | 25 | XTOB016DC1 |
| | 16 – 24 | | 1NO-1NC | 40 – 65A | 63 | 50 | 30 | 25 | XTOB024DC1 |
| | 24 – 40 | 1NO-1NC | 40 – 65A | 125 | 63 | 125 | 125 | XTOB040DC1 | |
| | 40 – 57 | 1NO-1NC | 50 – 65A | 160 | 80 | 150 | 150 | XTOB057DC1 | |
| | 50 – 65 | 1NO-1NC | 65A | 160 | 100 | 150 | 200 | XTOB065DC1 | |
| Frame F – G — Direct Mount | | | | | | | | | |
| | 25 – 35 | | 1NO-1NC | 80 – 150A | 125 | 100 | 125 | 125 | XTOB035GC1 |
| | 35 – 50 | | 1NO-1NC | 80 – 150A | 160 | 125 | 150 | 200 | XTOB050GC1 |
| | 50 – 70 | | 1NO-1NC | 80 – 150A | 250 | 160 | 150 | 200 | XTOB070GC1 |
| | 70 – 100 | 1NO-1NC | 80 – 150A | 315 | 200 | 400 | 400 | XTOB100GC1 | |
| | 95 – 125 | 1NO-1NC | 80 – 150A | 315 | 250 | 500 | 400 | XTOB125GC1 | |
| | 120 – 150 | 1NO-1NC | 80 – 150A | 315 | 250 | 600 | 600 | XTOB150GC1 | |
| Frame F – G — Separate Mount | | | | | | | | | |
| | 25 – 35 | | 1NO-1NC | 80 – 150A | 125 | 100 | 125 | 125 | XTOB035GC1S |
| | 35 – 50 | | 1NO-1NC | 80 – 150A | 160 | 125 | 150 | 200 | XTOB050GC1S |
| | 50 – 70 | | 1NO-1NC | 80 – 150A | 250 | 160 | 150 | 200 | XTOB070GC1S |
| | 70 – 100 | 1NO-1NC | 80 – 150A | 315 | 200 | 400 | 400 | XTOB100GC1S | |
| | 95 – 125 | 1NO-1NC | 80 – 150A | 315 | 250 | 500 | 400 | XTOB125GC1S | |
| | 120 – 150 | 1NO-1NC | 80 – 150A | 315 | 250 | 600 | 600 | XTOB150GC1S | |
| Frame L | | | | | | | | | |
| | 50 – 70 | | 1NO-1NC | 185 – 250A | 250 | 160 | 150 | 200 | XTOB070LC1 |
| | 70 – 100 | | 1NO-1NC | 185 – 250A | 315 | 200 | 400 | 400 | XTOB100LC1 |
| | 95 – 125 | | 1NO-1NC | 185 – 250A | 315 | 250 | 500 | 400 | XTOB125LC1 |
| | 120 – 160 | 1NO-1NC | 185 – 250A | 400 | 250 | 600 | 600 | XTOB160LC1 | |
| | 160 – 220 | 1NO-1NC | 185 – 250A | 400 ① | 315 ① | 800 | 800 | XTOB220LC1 | |
| | 200 – 250 | 1NO-1NC | 225 – 250A | 400 ① | 315 ① | 600 | 700 | XTOB250LC1 | |

① For separate mounting, short circuit Type 1 rating is 500A and short circuit Type 2 rating is 400A.

Notes:

Short circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting. See MN03402001E for more information on overload relays for Frame B – G.

Trip Class: 10A

Suitable for protection of EEx e-motors. EC prototype test certificate available upon request.

Observe manuals MN03402001E and MN03407001E, see **Table 34-129**.

Technical Data **Page 34-99**
Dimensions **Page 34-101**
Discount Symbol **1CD7**

Overload Relays — XTOB, XTOT

Table 34-126. Current Transformer Operated Overload Relays ①

| | Overload Releases, I _r | Contact Sequence | Contact Configuration | For Use with Contactor Amp Range | Short-Circuit Protection (A) | | | | Catalog Number | Price U.S. \$ |
|-------------------------------------|-----------------------------------|------------------|-----------------------|----------------------------------|------------------------------|----------------------------|-----------------|--------------|----------------|---------------|
| | | | | | Type 1 Coordination, gG/gL | Type 2 Coordination, gG/gL | Circuit Breaker | CEC/NEC Fuse | | |
| Frame M – N — Separate Mount | | | | | | | | | | |
| | 42 – 63 | | 1NO-1NC | 300 – 500A | — | — | 150 | 200 | XTOT063C3S | |
| | 60 – 90 | | 1NO-1NC | 300 – 500A | — | — | 250 | 250 | XTOT090C3S | |
| | 85 – 125 | | 1NO-1NC | 300 – 500A | — | — | 500 | 400 | XTOT125C3S | |
| | 110 – 160 | | 1NO-1NC | 300 – 500A | — | — | 600 | 600 | XTOT160C3S | |
| | 160 – 240 | | 1NO-1NC | 300 – 500A | — | — | 600 | 700 | XTOT240C3S | |
| | 190 – 290 | 1NO-1NC | 300 – 500A | — | — | 600 | 700 | XTOT290C3S | | |
| | 270 – 400 | 1NO1-1NC | 300 – 500A | — | — | 1000 | 1000 | XTOT400C3S | | |
| | 360 – 540 | 1NO-1NC | 500A | — | — | 600 | 1000 | XTOT540C3S | | |
| | 420 – 630 | 1NO-1NC | 630A | — | — | 600 | 1000 | XTOT630C3S | | |

① The main current parameters are defined by the main current wiring which is used.

Accessories

Table 34-127. DIN Rail or Panel Mount Adapter, Frame C – D ②

| | For Use with... | Pkg. Qty. | Catalog Number | Price U.S. \$ |
|--|-----------------|-----------|----------------|---------------|
| | XTOB...CC1 | 5 | XTOBXDINC | |
| | XTOB...DC1 | 1 | XTOBXDIND | |

② Can be snap fitted on a top hat rail (DIN rail) to IEC/EN 60715 or can be screw fitted.

Table 34-128. Terminal Shroud

| | For Use with... | Catalog Number | Price U.S. \$ |
|--|--|-----------------------|----------------------|
| | XTOB...LC1 | XTOBXTSL | |
| | For direct mounting of ... | Catalog Number | Price U.S. \$ |
| | XTOB...LC1 to XTCE185L, XTCE225L or XTCE250L | XTOBXTSCL | |

Table 34-129. Documentation — Manuals for Overload Monitoring of EEX e-motors

| Publication Number | For Use with... |
|--------------------|--------------------------|
| MN03402001E | XTOB...BC1 XTOB...CC1 |
| MN03407001E | XTOB...DC1 XTOB...GC1 |

Overload Relays — XTOB, XTOT

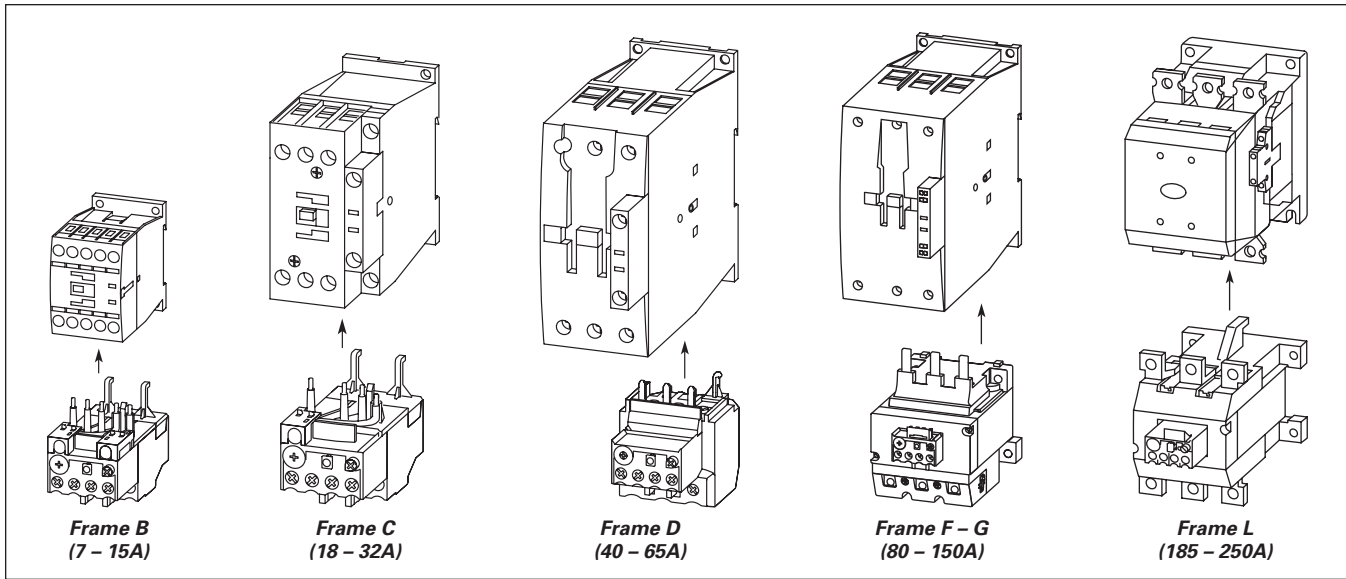


Figure 34-74. Overload Fitted Directly to the Contactor

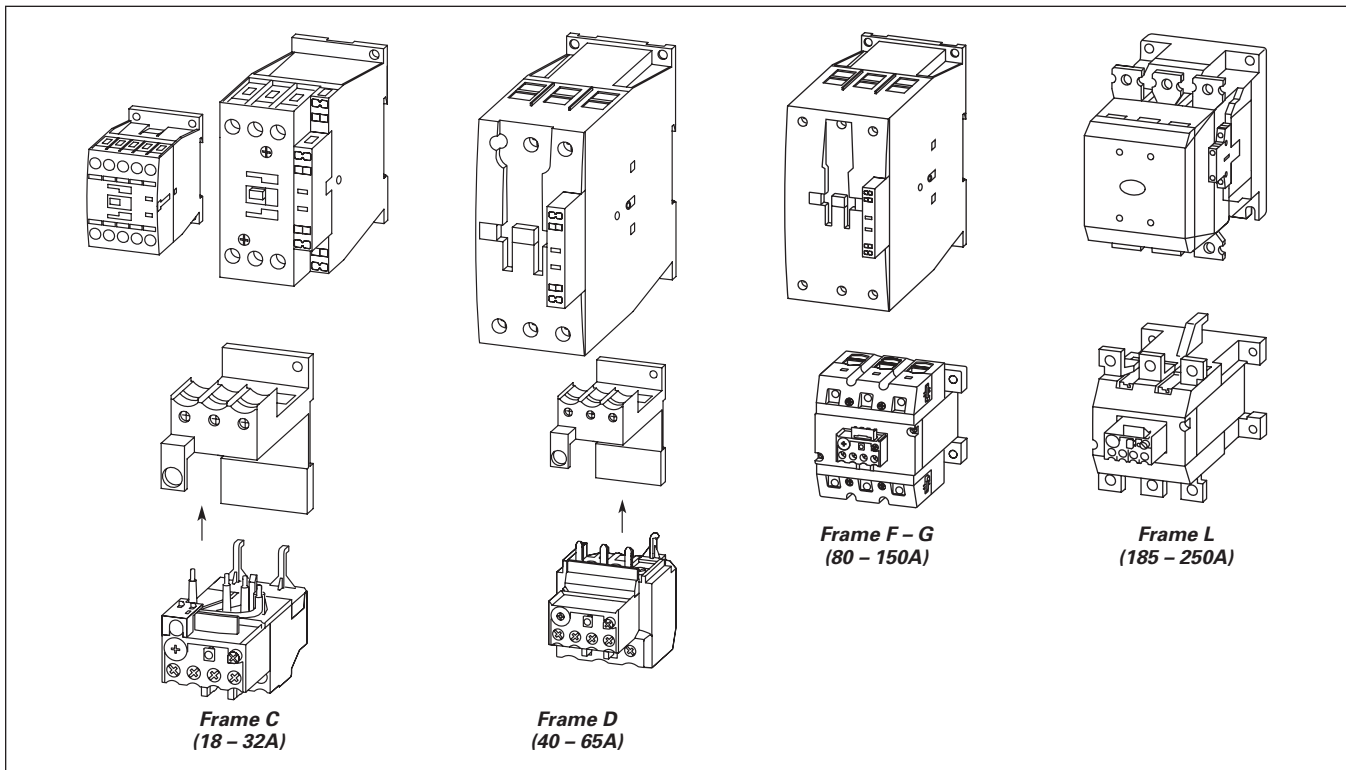


Figure 34-75. Overload Mounted Separately from the Contactor

Technical Data and Specifications

Table 34-130. XTOB Overload Relay — Technical Data and Specifications

| Description | XTOB...BC1, XTOB...CC1 | XTOB...DC1 | XTOB...GC1, XTOB...GC1S | XTOB...LC1 |
|--|--|---|---|---|
| General | | | | |
| Standards | IEC/EN 60947, VDE 0660, UL, CSA | | | |
| Climate Proofing | Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclic, to IEC 60068-2-30 | | | |
| Ambient Temperature ① | -25°C to +55°C [-13°F to 131°F] | -25°C to +55°C [-13°F to 131°F] | -25°C to +55°C [-13°F to 131°F] | -25°C to +50°C [-13°F to 122°F] |
| Temperature Compensation | Continuous | Continuous | Continuous | Continuous |
| Mechanical Shock Resistance (IEC/EN 60068-2-27) Half-Sinusoidal Shock 10 mS | 10g | 10g | 10g | 10g |
| Degree of Protection | IP20 | IP20 | IP20 | P00 |
| Protection Against Direct Contact when Actuated from Front (IEC 536) | Finger and back of hand proof | Finger and back of hand proof | Finger and back of hand proof | With terminal cover XTOBXTS...L |
| Insulation Voltage (Ui) V AC | 690 | 690 | 690 | 1000 |
| Overvoltage Category / Pollution Degree | III/3 | III/3 | III/3 | III/3 |
| Impulse Withstand Voltage (Uimp) V AC | 6000 | 6000 | 6000 | 8000 |
| Operational Voltage (Ue) V AC | 690 | 690 | 690 | 1000 |
| Safe Isolation to VDE 0106 Part 101 and part 101/A1 Between auxiliary contacts and main contacts (V AC) Between main contacts (V AC) | 440 440 | 440 440 | 440 440 | 440 440 |
| Overload Release Setting Range | 0.1 – 32A | 6 – 75A | 25 – 150A | 50 – 250A |
| Short Circuit Protection Maximum Fuse | See Table 34-125 on Page 34-96. | | | |
| Temperature Compensation Residual Error > 40°C | <-0.25 | <-0.25 | <-0.25 | <-0.25 |
| Current Heat Loss (3 Conductors) Lower value of setting range, W Upper value of setting range | 2.5 6 | 3 7.5 | 16 28 | 16 28 |
| Terminal Capacity Solid, mm ² Flexible with ferrule, mm ² | 2 x (1 – 6) 2 x (1 – 4) 2 x (1 – 6) ② | 2 x (1 – 16) 1 x 25 2 x (1 – 10) ③ | 2 x (4 – 16) 1 x (4 – 70) 2 x (4 – 50) | — — — |
| Flexible with cable lug, mm ² Stranded with cable lug, mm ² | — — | — — | — — | 95 120 |
| Solid or Stranded, AWG | 14 – 8 | 14 – 2 | 2 / 0 | 250MCM |
| Flat Conductor (number of segments x width x thickness, mm ²) | — | — | — | 6 x 16 x 18 |
| Busbar — Width (mm) | — | — | — | 20 x 3 |
| Terminal Screw Tightening Torque Nm Lb-in | M4 1.8 16 | M6 3.5 31 | M10 10 88.5 | M8 x 25 24 221.3 |
| Tools Pozidriv screwdriver Standard screwdriver Hexagon socket head spanner (SW) | Size 2 1 x 6 — | Size 2 1 x 6 — | — — 5 mm | — — 13 mm |
| Auxiliary and Control Circuit Connections | | | | |
| Impulse Withstand Voltage (Uimp) V AC | 6000 | 6000 | 6000 | 6000 |
| Overvoltage Category/Pollution Degree | III/3 | III/3 | III/3 | III/3 |
| Terminal Capacity Solid, mm ² Flexible with ferrule, mm ² Solid or Stranded (AWG) | 2 x (0.75 – 4) 2 x (0.75 – 2.5) 2 x (18 – 12) | 2 x (0.75 – 4) 2 x (0.75 – 2.5) 2 x (18 – 12) | 2 x (0.75 – 4) 2 x (0.75 – 2.5) 2 x (18 – 12) | 2 x (0.75 – 4) 2 x (0.75 – 2.5) 2 x (18 – 12) |
| Terminal Screw Tightening Torque Nm Lb-in | M3.5 0.8 – 1.2 7 – 10.6 | M3.5 0.8 – 1.2 7 – 10.6 | M3.5 0.8 – 1.2 7 – 10.6 | M3.5 0.8 – 1.2 7 – 10.6 |
| Tools Pozidriv screwdriver Standard screwdriver | Size 2 1 x 6 | Size 2 1 x 6 | Size 2 1 x 6 | Size 2 1 x 6 |
| Rated Insulated Voltage (Ui) V AC | 500 | 500 | 500 | 500 |
| Rated Operational Voltage | 500 | 500 | 500 | 500 |
| Safe Isolation to VDE 0106 Part 101 and part 101/A1 Between auxiliary contacts | 240 | 240 | 240 | 240 |
| Conventional Thermal Current, I _{th} | 6 | 6 | 6 | — |

① Ambient Temperature Operating Range to IEC/EN 60947, PTB: -5°C to +50°C.

 ② 6 mm² flexible with ferrules to DIN 46228.

③ Main contact terminal capacity, solid and stranded conductors with ferrules: When using 2 conductors use identical cross-section.

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Table 34-130. XTOB Overload Relay — Technical Data and Specifications (Continued)

| Description | XTOB...BC1, XTOB...CC1 | XTOB...DC1 | XTOB...GC1, XTOB...GC1S | XTOB...LC1 |
|---|------------------------|------------|-------------------------|------------|
| Auxiliary and Control Circuit Connections (Continued) | | | | |
| Rated Operational Current — AC-15 Make Contact | | | | |
| 120V | 1.5 | 1.5 | 1.5 | 1.5 |
| 240V | 1.5 | 1.5 | 1.5 | 1.5 |
| 415V | 0.5 | 0.5 | 0.5 | 0.5 |
| 500V | 0.5 | 0.5 | 0.5 | 0.5 |
| Break Contact | | | | |
| 120V | 1.5 | 1.5 | 1.5 | 1.5 |
| 240V | 1.5 | 1.5 | 1.5 | 1.5 |
| 415V | 0.9 | 0.9 | 0.9 | 0.9 |
| 500V | 0.8 | 0.8 | 0.8 | 0.8 |
| Rated Operational Current — DC-13 L/R ≤ 15 mS ① | | | | |
| 24V | 0.9 | 0.9 | 0.9 | 0.9 |
| 60V | 0.75 | 0.75 | 0.75 | 0.75 |
| 110V | 0.4 | 0.4 | 0.4 | 0.4 |
| 220V | 0.2 | 0.2 | 0.2 | 0.2 |
| Short Circuit Rating without Welding Maximum Fuse, A gG/gI | 6 | 6 | 6 | 6 |

① Rated operational current: Making and breaking conditions to DC-13, L/R constant as stated.

Tripping Characteristics

These tripping characteristics are the mean values of the spread at 20°C ambient temperature in a cold state.

Tripping time depends on response current. With devices at operating temperature, the tripping time of the overload relay reduces to approximately 25% of the read off value. Specific characteristics for each individual setting range can be found in MN03402001E.

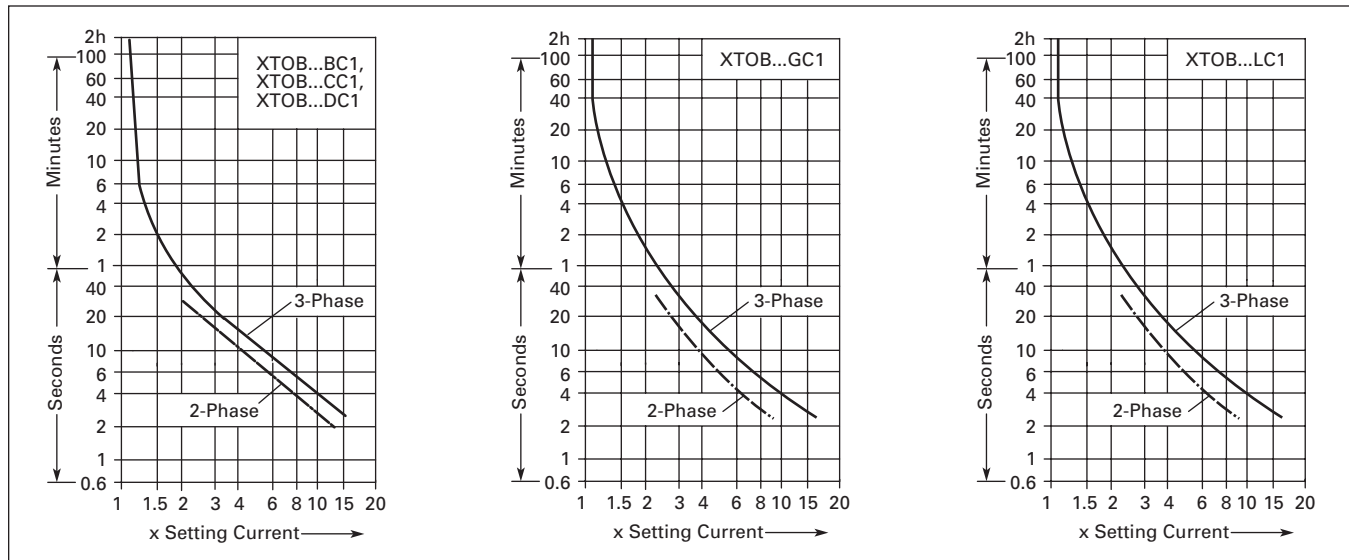


Figure 34-76. Tripping Characteristics

Instructional Leaflets

Table 34-131. Instructional Leaflets

| Publication Number | Description |
|--------------------|---|
| Pub51221 | XTOB, D Frame Overload Relays (Inside of Packaging) |
| Pub51222 | XTOB, B – C Frame Overload Relays (Inside of Packaging) |

Dimensions

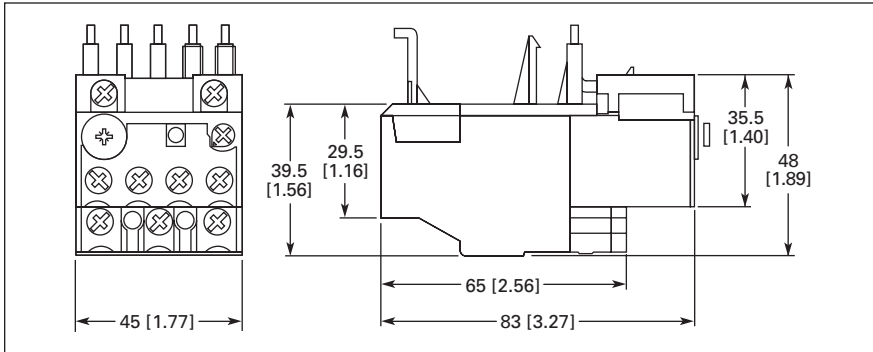


Figure 34-77. Frame B – C, XTOB...BC1 and XTOB...CC1 Overload Relays — Approximate Dimensions in mm [in]

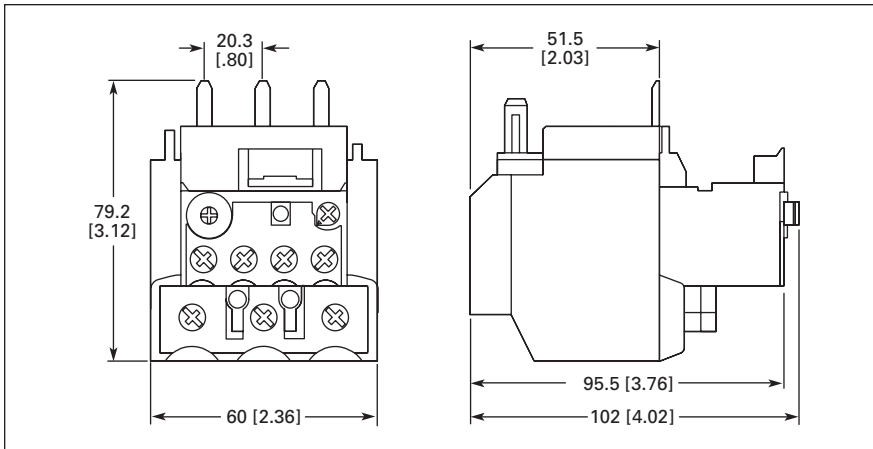


Figure 34-78. Frame D, XTOB...DC1 Overload Relay — Approximate Dimensions in mm [in]

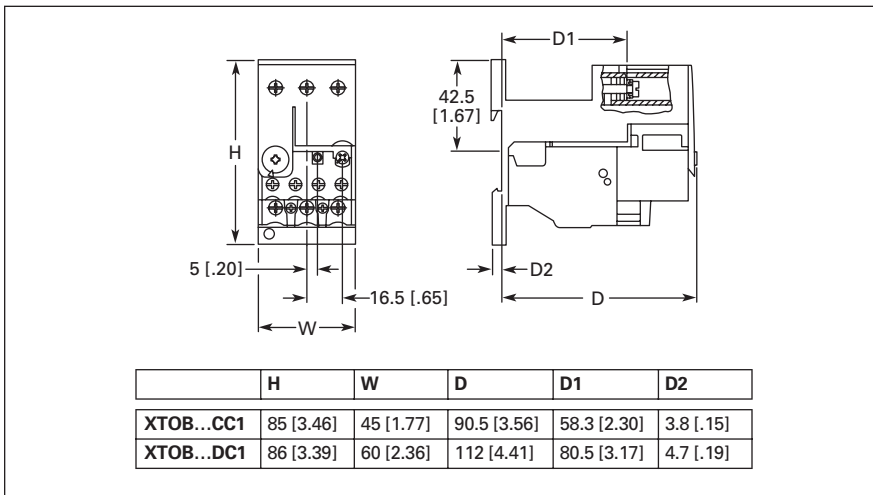


Figure 34-79. Frame B – C, XTOBXDINC DIN Rail or Panel Mount Adapter and Frame D, XTOBXDIND DIN Rail or Panel Mount Adapter — Approximate Dimensions in mm [in]

Overload Relays — XT0B, XT0T

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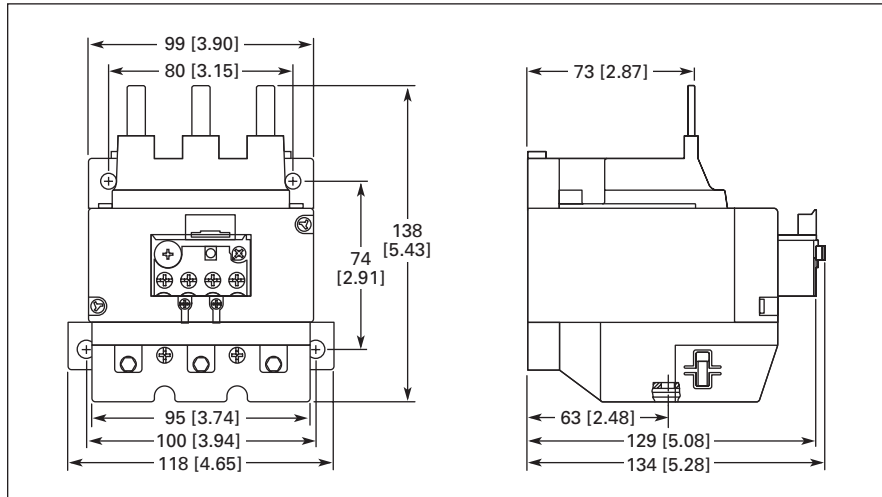


Figure 34-80. Frame F – G, XT0B...GC1 Overload Relay — Approximate Dimensions in mm [in]

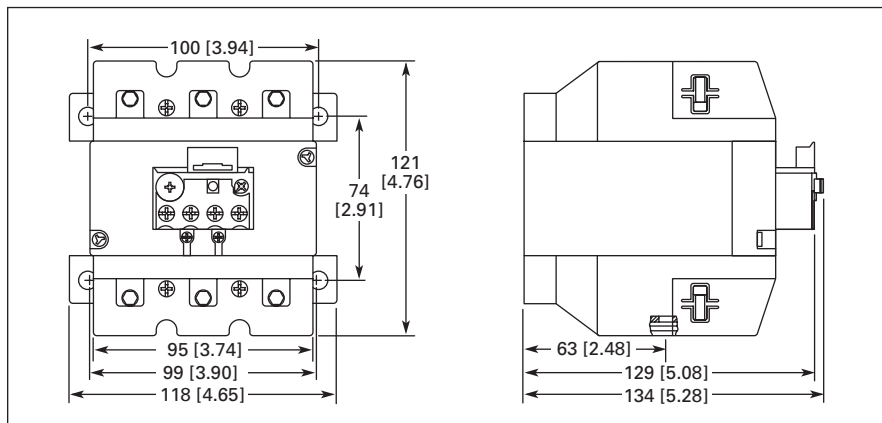


Figure 34-81. Frame F – G, XT0B...G1CS Overload Relay — Approximate Dimensions in mm [in]

Overload Relays — XTOB, XTOT

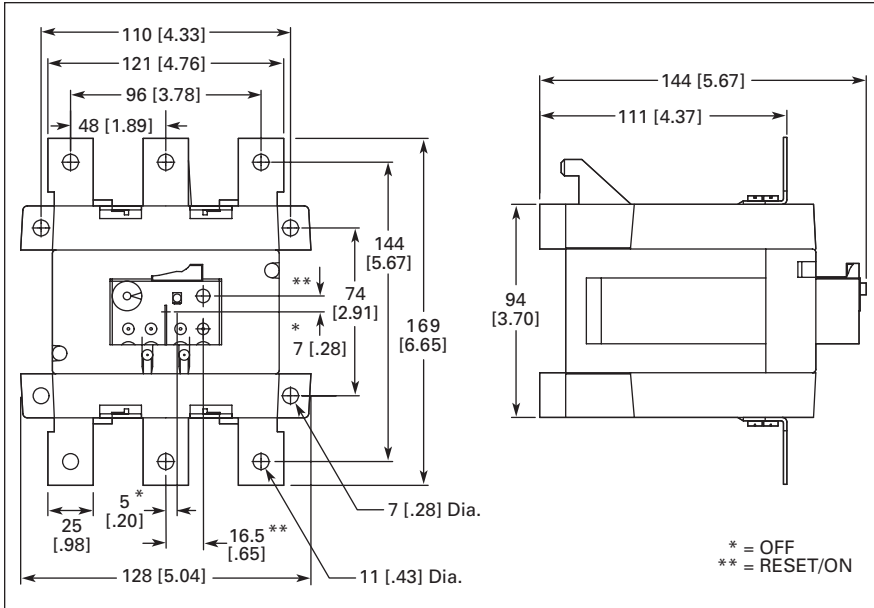


Figure 34-82. Frame L, XTOB...LC1 Overload Relay — Approximate Dimensions in mm [in]

Current Transformer Operated Overload Relay

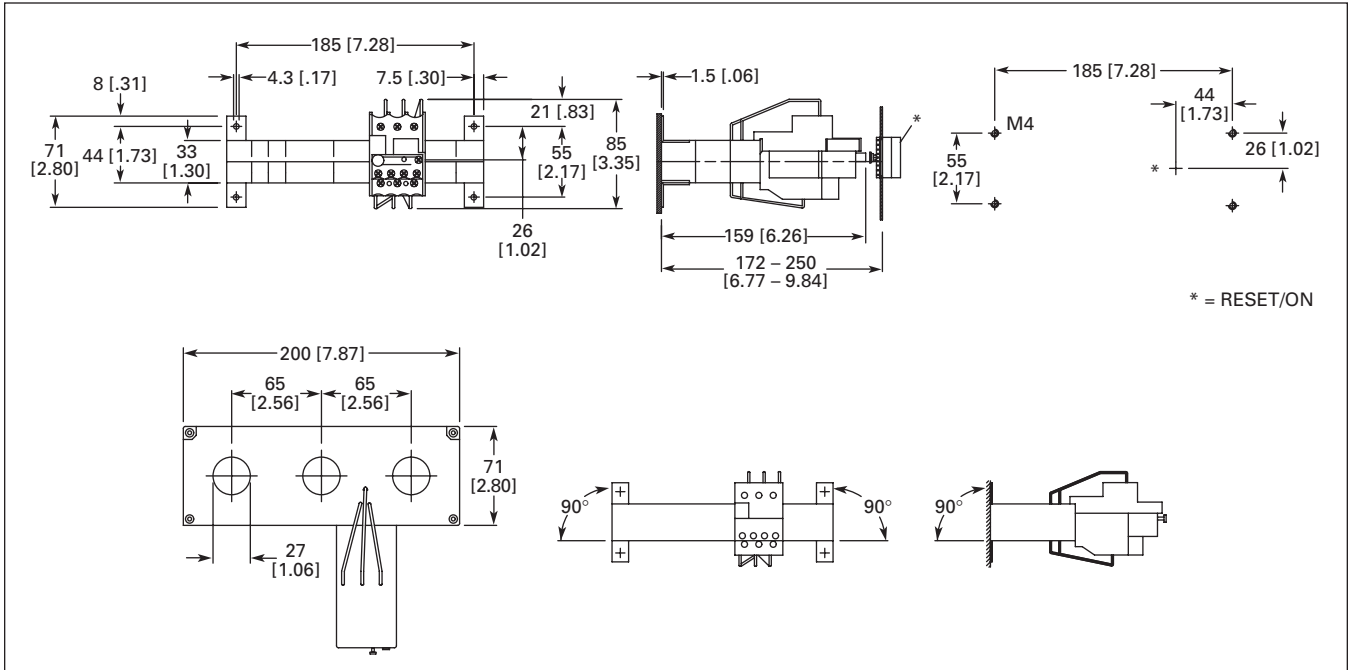


Figure 34-83. XTOT...C3S — Approximate Dimensions in mm [in]