



| Contract characteristics Nr. 3 Number of poles Nr. 3 Rated insulation voltage UI IEC/EN V 1000 Rated insulation voltage UIIEC/EN V 8 Operational frequency min H2 25 max H2 400 162 IEC Conventional free air thermal current lth A 350 0 Operational current le AC-1 (≤40°C) A 350 AC-1 (≤55°C) A 300 AC-1 (≤40°C) A 250 AC-3 (≤440V ≤55°C) A 250 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V KW 83 400V KW 155 440V KW 156 156 156 156 Rated operational power AC-1 (T≤40°C) 230V KW 124 400V KW 124 400V KW 124 400V KW 124 400V KW 124 400V KW 1 | Product designation Product type designation | | | Power contactor B250 |
|--|--|---------------------------------------|-----|-------------------------|
| Number of poles Nr. 3 Rated insulation voltage Ui IEC/EN V 1000 Rated insulation voltage Uimp KV 8 Operational frequency min Hz 25 max Hz 400 16C IEC Conventional free air thermal current Ith A 350 Operational current Ie AC-1 (≤40°C) A 350 AC-1 (≤55°C) A 300 AC-1 (≤55°C) A 300 AC-1 (≤55°C) A 300 AC-1 (≤55°C) A 265 AC-3 (≤400V) A 115 115 AC-3 (≤400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 164 500V kW 164 500V kW 124 690V kW 124 400V kW 124 600V kW 220V kW 124 600V kW 124 500V kW 214 < | | | | BEOU |
| Rated insulation voltage Ui IEC/EN V 1000 Rated inpulse withstand voltage Uimp kV 8 Operational frequency min Hz 25 max Hz 400 16 Decreational frequency A 350 Operational current le A 350 Operational current le AC-1 (s40°C) A 350 AC-1 (s70°C) A 250 AC-3 (s440V s55°C) A 250 AC-3 (s440V s55°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 155 440V kW 155 440V kW 156 Rated operational power AC-1 (T≤40°C) 230V kW 124 400V kW 124 690V kW 124 400V kW 124 60V kW 124 600V kW 124 400V kW 124 60V kW 124 </td <td></td> <td></td> <td>Nr.</td> <td>3</td> | | | Nr. | 3 |
| Rated impulse withstand voltage Uimp kV 8 Operational frequency min Hz 25 max Hz 400 IEC Conventional frequency A 350 Operational current le A 350 Coperational current le AC-1 (≤40°C) A 350 AC-1 (≤55°C) A 300 AC-1 (≤55°C) A 265 AC-3 (≤440V) ≤55°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 164 500V kW 156 890V kW 124 400V kW 124 400V kW 124 690V kW 212 1000V kW 124 600V kW 212 100V kW 282 1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 350 | | | | |
| min Hz 25 Hz Max Hz 400 IEC Conventional free air thermal current lth A 350 Operational current le AC-1 (\$40°C) A 350 AC-1 (\$55°C) A 300 AC-1 (\$55°C) A 300 AC-3 (\$440V \$55°C) A 265 AC-3 (\$440V \$55°C) A 265 AC-3 (\$440V \$55°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 164 500V kW 164 500V kW 164 500V kW 164 500V kW 124 400V kW 124 500V kW 223V kW 124 500V kW 282 690V kW 282 690V kW 282 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 350 110V A 300 1EC m | | | kV | 8 |
| max Hz 400 IEC Conventional current le A 350 Operational current le AC-1 (s40°C) A 350 AC-1 (s55°C) A 300 AC-1 (s55°C) A 300 AC-1 (s55°C) A 300 AC-1 (s55°C) A 265 AC-3 (st40v 555°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 164 500V kW 176 500V kW 121 1000V kW 124 500V kW 124 400V kW 124 500V kW 214 500V kW 282 690V kW 214 500V kW 214 500V kW 282 690V kW 214 500V kW 214 500V 330V - <t< td=""><td>Operational frequency</td><td></td><td></td><td></td></t<> | Operational frequency | | | |
| EC Conventional free air thermal current Ith A 350 Operational current le AC-1 (≤40°C) A 350 AC-1 (≤40°C) A 350 AC-1 (≤70°C) A 250 AC-3 (≤440V 555°C) A 200 AC-3 (≤440V 555°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 164 500V kW 124 500V kW 124 500V kW 124 400V kW 212 1000V kW 212 1000V kW 124 400V kW 214 500V kW 380 224 509V kW 380 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 350 110V A 300 220V A - <t< td=""><td></td><td>min</td><td>Hz</td><td>25</td></t<> | | min | Hz | 25 |
| Operational current le AC-1 (≤40°C) A 350 AC-1 (≤55°C) A 300 AC-1 (≤55°C) A 265 AC-3 (≤440V ≤55°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 155 440V kW 164 500V kW 121 1000V kW 156 800V kW 121 1000V kW 156 800V kW 124 1000V kW 124 400V kW 124 1000V kW 282 690V kW 282 100V kW 380 110V A 350 110V A 350 110V A 350 110V A 350 110V A 350 110V A 350 110V | | max | Hz | 400 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | IEC Conventional free air thermal current Ith | | А | 350 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | Operational current le | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | А | 350 |
| AC-3 (≤440V ≤55°C) A 265 AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 164 500V kW 121 1000V kW 156 Rated operational power AC-1 (T≤40°C) 230V kW 124 400V kW 214 500V kW 282 690V kW 282 690V kW 282 690V kW 380 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 350 110V A 300 220V A - 220V A 250 330V A - <t< td=""><td></td><td>. ,</td><td>А</td><td>300</td></t<> | | . , | А | 300 |
| AC-4 (400V) A 115 Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 164 500V kW 176 690V kW 212 1000V kW 156 Rated operational power AC-1 (T≤40°C) 230V kW 124 400V kW 212 690V kW 282 690V kW 282 690V kW 380 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 350 110V A 160 220V A 330V A 330V A 460V A 330 220V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 350 110V A 300 220V A 460V A 460V A - | | | А | |
| Rated operational power AC-3 (T≤55°C) 230V kW 83 400V kW 140 415V kW 155 440V kW 164 500V kW 176 690V kW 212 100V kW 156 Rated operational power AC-1 (T≤40°C) 230V kW 124 400V kW 214 500V kW 214 500V kW 214 500V kW 282 690V kW 380 110V A 350 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 350 110V A 160 220V A - 330V A - 330V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 350 110V A 300 220V A - 460V A - 460V A - 110V A 300 220V A | | · · · · · · · · · · · · · · · · · · · | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | AC-4 (400V) | A | 115 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Rated operational power AC-3 (T≤55°C) | | | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | |
| | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | |
| Rated operational power AC-1 (T≤40°C) 230V kW 124 400V kW 214 500V kW 282 690V kW 380 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 350 110V A 160 220V A 330V A 330V A 1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 350 110V A 300 220V A 220V A 250 330V A 460V A 460V A 1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 350 110V A 300 220V A 460V A 460V A 1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 350 110V A 300 300 300 300 | | | | |
| $\begin{array}{c} 230 \vee k \vee 124 \\ 400 \vee k \vee 214 \\ 500 \vee k \vee 282 \\ 690 \vee k \vee 380 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 1 poles in series $\begin{array}{c} 75 \vee A 350 \\ 110 \vee A 160 \\ 220 \vee A \\ 330 \vee A \\ 330 \vee A \\ 460 \vee A \\ 460 \vee A \\ \end{array}$ IEC max current le in DC1 with L/R < 1ms with 2 poles in series $\begin{array}{c} 75 \vee A 350 \\ 110 \vee A 300 \\ 220 \vee A 350 \\ 110 \vee A 300 \\ 220 \vee A 250 \\ 330 \vee A \\ 460 \vee A \\ 460 \vee A \\ \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{c} 75 \vee A 350 \\ 110 \vee A 300 \\ 220 \vee A 250 \\ 330 \vee A \\ 460 \vee A \\ \end{array}$ | | 1000V | kW | 156 |
| $\begin{array}{c cccc} & 400 \lor & k \cr & 214 \\ 500 \lor & k \cr & 282 \\ 690 \lor & k \cr & 380 \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Rated operational power AC-1 (I≤40°C) | 000) (| | |
| $ \begin{array}{c cccc} & 500 \lor & kW & 282 \\ \hline 690 \lor & kW & 380 \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} \\ & & & & & & & & \\ \hline & & & & & & & & \\ & & & &$ | | | | |
| $\begin{tabular}{ c c c c c } \hline & & & & & & & & & & & & & & & & & & $ | | | | |
| IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $75V$ A 350 110VA160 220VA - 330VA - 460VA -Technologies <td></td> <td></td> <td></td> <td></td> | | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | IFO ments and the in DOA with 1/D < America with A method in a mine | 690V | KVV | 380 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | IEC max current ie in DC1 with $L/R \le 1$ ms with 1 poles in series | 75\/ | ^ | 050 |
| $\begin{array}{cccc} & 220 & A & \\ & 330 & A & \\ & 460 & A & \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series} & & & & \\ & & 75 & A & 350 \\ & & 110 & A & 300 \\ & & 220 & A & 250 \\ & & 330 & A & \\ & & 460 & A & \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} & & & \\ \hline \end{tabular}$ | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | |
| $\begin{tabular}{ c c c c c } \hline 460V & A & \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} & & & & & & & & & & & & & & & & & & &$ | | | | |
| IEC max current le in DC1 with L/R < 1ms with 2 poles in series $75V$ A 350 $110V$ A 300 $220V$ A 250 $330V$ A $460V$ AIEC max current le in DC1 with L/R < 1ms with 3 poles in series | | | | |
| $\begin{array}{cccccccc} 75 & A & 350 \\ 110 & A & 300 \\ 220 & A & 250 \\ 330 & A & \\ 460 & A & \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \end{array}$ | $\frac{1}{100}$ EC max current to in DC1 with $1/P < 1mc$ with 2 poles in series | 400 V | A | |
| $ \begin{array}{ccccc} 110 V & A & 300 \\ 220 V & A & 250 \\ 330 V & A & \\ 460 V & A & \\ \hline IEC \mbox{ max current le in DC1 with L/R } \le 1 \mbox{ms with 3 poles in series} \end{array} \\ \hline \begin{array}{ccccccccccccccccccccccccccccccccccc$ | The tracture in the independent of the matrix $2 + 115$ with 2 points in series | 75\/ | ۸ | 250 |
| $\begin{array}{cccccc} 220 & A & 250 \\ 330 & A & \\ 460 & A & \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | | | | |
| $\begin{tabular}{cccc} 330V & A & \\ 460V & A & \\ \hline \end{tabular}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{tabular}{ccccc} 75V & A & 350 \\ 110V & A & 300 \\ \hline \end{tabular}$ | | | | |
| 460V A IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 350 110V A 300 300 | | | | |
| IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series 75V A 350 110V A 300 | | | | |
| 75V A 350 110V A 300 | IFC max current le in DC1 with L/R < 1ms with 3 poles in series | 1007 | | |
| 110V A 300 | | 75V | А | 350 |
| | | | | |
| | | 220V | A | 300 |

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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 48VAC/DC

| | 330V | Α | 250 | |
|---|--------------|--------|--------------|--|
| | 460V | А | | |
| IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series | | | | |
| | 75V | А | 350 | |
| | 110V | А | 300 | |
| | 220V | А | 300 | |
| | 330V | А | 300 | |
| | 460V | А | 250 | |
| IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series | | | | |
| | 75V | А | 280 | |
| | 110V | А | 150 | |
| | 220V | A | | |
| | 330V | A | | |
| | 460V | A | | |
| IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series | 1001 | | | |
| | 75V | А | 280 | |
| | 110V | A | 250 | |
| | 220V | A | 200 | |
| | 220V 330V | A | | |
| | 330V 460V | | | |
| IEC may autrent to in DC2 DC5 with 1/D < 15mg with 2 notes in action | 40U V | A | | |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series | 75)/ | ^ | 000 | |
| | 75V | A | 280 | |
| | 110V | A | 280 | |
| | 220V | A | 250 | |
| | 330V | A | 200 | |
| | 460V | A | | |
| IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series | | | | |
| | 75V | A | 280 | |
| | 110V | А | 280 | |
| | 220V | А | 280 | |
| | 330V | А | 200 | |
| | 460V | Α | 200 | |
| Short-time allowable current for 10s (IEC/EN60947-1) | | Α | 2200 | |
| Protection fuse | | | | |
| | gG (IEC) | А | 400 | |
| | aM (IEC) | А | 250 | |
| Making capacity (RMS value) | . , | А | 2750 | |
| Breaking capacity at voltage | | | | |
| | 440V | А | 2500 | |
| | 500V | A | 2250 | |
| | 690V | A | 2200 | |
| Resistance per pole (average value) | 0001 | mΩ | 0.2 | |
| Power dissipation per pole (average value) | | 11122 | 0.2 | |
| i over dissipation per pole (average value) | lth | W | 24.5 | |
| | AC-3 | W | 24.5 12.5 | |
| Tightoning torque for terminale | AU-3 | ٧V | 12.0 | |
| Tightening torque for terminals | ! | N lur- | 25 | |
| | min | Nm | 35 | |
| | max | Nm | 35 25 0 | |
| | min | Ibin | 25.8 | |
| | max | lbin | 25.8 | |
| Tightening torque for coil terminal | | | | |
| | min | Nm | 1 | |
| | max | Nm | 1 | |
| | | | | |

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11B2500048 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 48VAC/DC

lbin

lbin

min

max

0.74

0.74

| max normal allowable max | Nr. | 2 500 kcmil IP00 Vertical plan ±30° Screw 9550 |
|-----------------------------------|--|--|
| normal allowable | 9 | IP00 Vertical plan ±30° Screw |
| normal allowable | g | IP00 Vertical plan ±30° Screw |
| normal allowable | g | IP00 Vertical plan ±30° Screw |
| allowable | g | Vertical plan ±30° Screw |
| allowable | <u>g</u> | ±30° Screw |
| allowable | g | ±30° Screw |
| allowable | g | ±30° Screw |
| | g | Screw |
| max | g | |
| max | g | 9550 |
| max | Ū | |
| max | | |
| max | | |
| | | 500 kcmil |
| | | |
| | cycles | 10000000 |
| | | 1000000 |
| | 0y0l03 | 1000000 |
| | | |
| rated load | cycles | 1000000 |
| | • | 10000000 |
| mechanicarioau | Cycles | |
| | | yes |
| | | yes |
| | M | 48 |
| | V | 40 |
| | | |
| | | |
| | 0/11- | 00 |
| | | 80 |
| max | %US | 110 |
| | 0/11- | 00 |
| | | 20 |
| max | %US | 60 |
| | | |
| | 0/11 | |
| | | 80 |
| max | %Us | 110 |
| | | |
| | | 20 |
| max | %Us | 60 |
| | | |
| | | |
| | | 80 |
| max | %Us | 110 |
| | 0/11 | 0.0 |
| min | | 20 |
| max | %Us | 60 |
| | | |
| | | |
| in-rush | VA | 300 |
| holding | VA | 10 |
| at any time. The description | s, technical a | nd |
| | in-rush holding at any time. The description | mechanical load cycles V V V V Mus %Us %Us %Us %Us %Us %Us %Us %Us %Us %U |

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| of 50/60Hz coll powered at 60Hz in-rush VA 300 holding VA 10 Dissipation at holding ±20°C 50Hz W 10 DC rated control voltage V 48 DC operating voltage V 48 DC operating voltage V 48 drop-out min %US 80 max %US 110 60 Average coll consumption ≤20°C in-rush W 300 Average coll consumption ≤20°C in-rush W 300 Max cycles frequency W 10 Max cycles frequency W 10 Max cycles frequency W 10 Mechanical operation cycles/h 2400 Operating times 2400 Average time for Us control min ms 80 in DC min ms 120 Opening NO min ms 30 min x ms 120 Opening NO min x ms 30 min x ms 120 Opening NO min x ms 30 min x ms 30 min x ms 30 min x ms 30 min x ms 30 min x ms 30 min x ms 30 min x 480V A 240 Yielded mechanical performance for three-phase AC motor | | | | | | |
|---|----------------------------|---------------------|---------------|-----------------------|----------|------|
| holding VA 10 Dissipation at holding s20°C 50Hz W 10 DC call operating V 48 DC operating voltage V 48 Average coil consumption s20°C min %US 60 Average coil consumption s20°C in-rush W 300 and to the toth toth toth toth toth toth to | | of 50/60Hz coil pov | wered at 60Hz | | | |
| Dissipation at holding 220°C 50Hz C coll operating DC rated control voltage pick-up pick-up min %4Us 80 max %4Us 10 drop-out min %4Us 20 max %4Us 60 Average coll consumption \$20°C in-trush W 300 holding W 10 Max cycles frequency Mechanical operation C closing NO min ms 30 max ms 120 Opening NO min ms 30 max ms 75 in DC Closing NO min ms 30 max ms 120 Opening NO min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor for three-phase AC motor C closing NO min ms 30 max ms 75 UL technical performance for three-phase AC motor C contactor | | | | in-rush | VA | 300 |
| Dissipation at holding 220°C 50Hz C coll operating DC rated control voltage pick-up pick-up min %4Us 80 max %4Us 10 drop-out min %4Us 20 max %4Us 60 Average coll consumption \$20°C in-trush W 300 holding W 10 Max cycles frequency Mechanical operation C closing NO min ms 30 max ms 120 Opening NO min ms 30 max ms 75 in DC Closing NO min ms 30 max ms 120 Opening NO min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor for three-phase AC motor C closing NO min ms 30 max ms 75 UL technical performance for three-phase AC motor C contactor | | | | holdina | VA | 10 |
| DC coll operating DC rated control voltage V 48 DC operating voltage pick-up min %Us 80 | Dissination at holding | <20°C 50Hz | | | | |
| DC rated control voltage V 48 DC operating voltage | | | | | VV | 10 |
| DC operating voltage pick-up min %US 80 | | | | | | |
| pick-up min %US 80 drop-out min %US 80 Average coil consumption ≤20°C in-rush W 300 Average coil consumption ≤20°C in-rush W 300 Max cycles frequency W 10 Max cycles frequency V 2400 Operaing NO min ms 80 Max cycles frequency Closing NO min ms 30 Max ms 120 min ms 80 Opening NO min ms 80 max ms 120 max ms Opening NO min ms 30 max Full-load current (FLA) for three-ph | DC rated control voltage | ge | | | V | 48 |
| pick-up min %US 80 drop-out min %US 80 Average coil consumption ≤20°C in-rush W 300 Average coil consumption ≤20°C in-rush W 300 Max cycles frequency W 10 Max cycles frequency V 2400 Operaing NO min ms 80 Max cycles frequency Closing NO min ms 30 Max ms 120 min ms 80 Opening NO min ms 80 max ms 120 max ms Opening NO min ms 30 max Full-load current (FLA) for three-ph | DC operating voltage | | | | | |
| $\begin{tabular}{ c c c c } \hline min & \frac{9.4Us}{60} & 80 \\ \hline max & \frac{9.4Us}{60} & 20 \\ \hline max & \frac{9.4Us}{60} & 60 \\ \hline max & \frac{9.4Us}{60} & \frac{60}{60} \\ \hline \end{tabular} & \frac{9.4Us}{60} & \frac{9.4Us}{60} \\ \hline \end{tabular} & \frac{9.4Us}{60} \\ \hline \end{tabular} & \frac{9.4Us}{60} & \frac{9.4Us}{60} \\ \hline \end{tabu}$ | | pick-up | | | | |
| max % Us 110 drop-out min % Us 20 max % Us 60 Average coil consumption ≤20°C in-rush W 300 Max cycles frequency W 10 Machanical operation cycles/h 2400 Operating times | | hier ab | | min | % c | 80 |
| drop-out min %US 20 max Average coll consumption ≤20°C in-rush holding W 300 holding Max cycles frequency w 10 Average time for Us control in AC Closing NO min ms Max ms 120 max ms 120 Opening NO min ms 30 max Full-load current (FLA) for three-phase AC motor at 800V A 240 Yielded mechanical performance for three-phase AC motor | | | | | | |
| min %Us 20 max Average coll consumption 520°C in-rush we and the second se | | | | max | %US | 110 |
| max %Us 60 Average coil consumption ≤20°C in-rush holding W 300 holding Max cycles frequency Mechanical operation cycles/h 2400 Operating times cycles/h 2400 Average time for Us control in AC min ms 80 max Opening NO min ms 30 max in DC Closing NO min ms 30 max Opening NO min ms 30 max ms 75 Ut technical data max ms 30 max ms 30 max ms Full-load current (FLA) for three-phase AC motor at 480V A 240 at 600V A 242 Yielded mechanical performance for three-phase AC motor at 480V A 240 at 600V A 242 Yielded mechanical performance for three-phase AC motor at 480V A 240 at 600V A 242 Short-circuit protection fuse, 600V Standard fault Short circuit current A 350 Short-circuit protection fuse, 600V Standard fault Short cir | | drop-out | | | | |
| Average coil consumption ≤20°C in-rush W 300 holding W 10 Max cycles frequency cycles/h 2400 Mechanical operation cycles/h 2400 Operating times average time for Us control Average time for Us control in AC Closing NO min ms 80 max ms 120 Opening NO min ms 30 max ms 75 In DC Closing NO Closing NO min ms 30 max ms 75 Closing NO min ms 30 max ms 75 Ut technical data state of three-phase AC motor Full-load current (FLA) for three-phase AC motor at 600V A 242 Yielded mechanical performance for three-phase AC motor 200/208V HP 75 General USE Contactor AC current A 350 Short-circuit protection fuse, 600V Standard fault Short circuit current KA 18 Fuse rating A 800 Fuse rating A 800 | | | | min | %Us | 20 |
| Average coil consumption ≤20°C in-rush W 300 holding W 10 Max cycles frequency Mechanical operation Cycles/h 2400 Operating times Average time for Us control in AC Closing NO min ms 80 max ms 120 Opening NO min ms 80 max ms 75 Closing NO min ms 80 max ms 75 Closing NO min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor Closing NO Min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor Closing NO General USE Contactor Contactor AC current A 350 Short-circuit protection fuse, 600V Standard fault Short circuit current KA 18 Fuse rating A 800 Fuse class L | | | | max | %Us | 60 |
| in-rush W 300 holding W 10 Max cycles frequency Mechanical operation cycles/h 2400 Operating times Average time for Us control in AC Closing NO min ms 80 max ms 120 Opening NO min ms 30 max ms 75 in DC Closing NO min ms 80 max ms 120 Opening NO min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor for three-phase AC motor 200/208V HP 75 220/230V HP 100 575/600V HP 250 General USE Contactor General USE Contactor Short-circuit protection fuse, 600V Standard fault Ambient conditions | | tion <20°C | | | | |
| holding W 10 Max cycles frequency Mechanical operation cycles/h 2400 Operating times Average time for Us control in AC Closing NO Min ms 80 max ms 120 Opening NO Min ms 30 max ms 75 in DC Closing NO Min ms 80 max ms 120 Opening NO Min ms 30 max ms 120 Opening NO Min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor for three-phase AC motor Closing NO Min ms 30 max ms 75 UL technical data Full-load current (FLA) for three-phase AC motor Closer AC current A 240 Stort-circuit protection fuse, 600V Standard fault Short-circuit current kA 18 Fuse rating A 800 Fuse class L Content on Fuse class L Content | Average con consump | | | 1 I | 147 | 000 |
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| Mechanical operation cycles/h 2400 Operating times | | | | holding | W | 10 |
| Mechanical operation cycles/h 2400 Operating times | Max cycles frequency | | | | | |
| Operating times Average time for Us control in AC Closing NO Opening NO min ms No Opening NO min ms in DC Closing NO min ms in DC Closing NO min ms opening NO min ms max ms Technical data Full-load current (FLA) for three-phase AC motor at 600V A 200/208V HP for three-phase AC motor 200/208V HP 75 220/230V HP 100 575/600V HP | | | | | cvcles/h | 2400 |
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| for three-phase AC motor $ \begin{array}{ccccccccccccccccccccccccccccccccccc$ | Yielded mechanical pe | erformance | | | | |
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| Fuse rating A 800 Fuse class L Ambient conditions | | Standard fault | | | | |
| Fuse class L Ambient conditions | | | | Short circuit current | kA | 18 |
| Fuse class L Ambient conditions | | | | Fuse rating | А | 800 |
| Ambient conditions | | | | _ | | |
| | A malaionate a subliticada | | | | | L |
| Temperature | | | | | | |
| | Temperature | | | | | |

Operating temperature

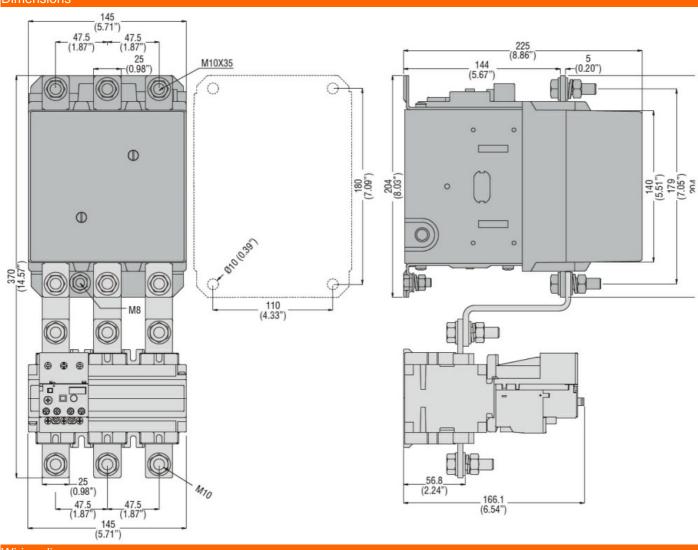


THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 48VAC/DC

11B2500048

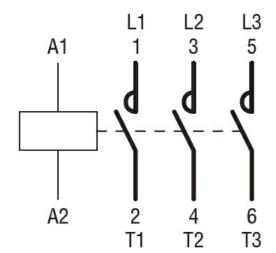
| | min | °C | -50 |
|-------------------------|-----|----|------|
| | max | °C | 70 |
| Storage temperature | | | |
| | min | °C | -60 |
| | max | °C | 80 |
| Max altitude | | m | 3000 |
| Resistance & Protection | | | |
| Pollution degree | | | 3 |
| | | | |

<u>Dimensions</u>



Wiring diagrams





Certifications and compliance

| Compliance | |
|---------------------|------------------------|
| | CSA C22.2 n° 60947-1 |
| | CSA C22.2 n° 60947-4-1 |
| | IEC/EN 60947-1 |
| | IEC/EN 60947-4-1 |
| | UL 60947-1 |
| | UL 60947-4-1 |
| Certificates | |
| | CCC |
| | cULus |
| | EAC |
| ETIM classification | |

ETIM 8.0

EC000066 -Power contactor, AC switching