



| Product type designation     B115       Contact characteristics     Nomber of poles     Nr. 3       Rated insulation voltage UI IEC/EN     V     1000       Rated insulation voltage UI IEC/EN     V     8       Operational frequency     min     H2     25       max     H2     400     160       Operational frequency     A     160     160       Operational current le     AC-1 (≤40°C)     A     160       Operational current le     AC-1 (≤55°C)     A     150       AC-1 (≤70°C)     A     150     AC-1 (≤400°C)     A     110       AC-3 (≤440V ≤55°C)     A     110     AC-4 (400°V)     A     47       Rated operational power AC-3 (T≤55°C)     400°V     kW     61     AC-4 (400°V)     A     47       Rated operational power AC-1 (T≤40°C)     230V     kW     57     400V     kW     98     500V     kW     129     690V     kW     129     690V     kW     120     220V     A     -     330V     A     -     460V     A     -     460V     A     -     -     <   | Product designation   |             |     | Power contactor |
|---|---|-------------|-----|-----------------|
| Number of poles       Nr.       3         Rated insulation voltage Ui IEC/EN       V       1000         Rated inpulse withstand voltage Uimp       kV       8         Operational frequency       min       Hz       25         max       Hz       400       160         Operational current le       A       160         Operational current le       A       160         AC-1 (≤40°C)       A       160         AC-1 (≤55°C)       A       110         AC-3 (5400 × S°C)       A       110         AC-3 (≤4400 × S°C)       A       110         AC-4 (400V)       A       47         Rated operational power AC-3 (T≤55°C)       400V       kW       61         Rated operational power AC-1 (T≤40°C)       230V       kW       57         400V       kW       98       500V       kW       129         690V       kW       173       110       220V       A       -         110V       A       100       220V       A       -         300V       KW       100       220V       A       -   | Product type designation  |             |     | B115            |
| Rated insulation voltage Ui IEC/EN       V       1000         Rated impulse withstand voltage Uimp       kV       8         Operational frequency       min       Hz       25         max       Hz       400       160         Operational free air thermal current lth       A       160         Operational current le       AC-1 (≤50°C)       A       160         AC-1 (≤50°C)       A       110       AC-3 (540V ≤55°C)       A       110         AC-3 (5440V ≤55°C)       A       110       AC-4 (400V)       A       47         Rated operational power AC-3 (T≤55°C)       400V       kW       61       61         Rated operational power AC-1 (T≤40°C)       230V       kW       57       400V       88       500V       kW       173         IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       75V       A       160       110V       A       100         1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       75V       A       160       110V       A       130         220V       A       -       460V       A       -       460V       A <td< td=""><td>Contact characteristics</td><td></td><td></td><td></td></td<> | Contact characteristics   |             |     |                 |
| Rated impulse withstand voltage UimpkV8Operational frequencyminHz25maxHz400IEC Conventional free air thermal current IthA160Operational current leAC-1 (≤40°C)A160Operational current leAC-1 (≤40°C)A160AC-1 (≤40°C)A110AC-3 (≤40V ≤55°C)A110AC-3 (≤40V ≤55°C)A110AC-4 (400V)A47Rated operational power AC-3 (T≤55°C)400VkW61Rated operational power AC-1 (T≤40°C)230VkW57400VkW57400VkW690VkW129690VkW690VkW129330VAIEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA160110VA130220VA-330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA160110VA130220VA-1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA160110VA130220VA-1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA160110VA130220VA-1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA160110VA130220V   | Number of poles   |             |     |                 |
| Operational frequency       min<br>max       Hz       25<br>400         IEC Conventional free air thermal current lth       A       160         Operational current le       AC-1 (s40°C)       A       160         AC-1 (s55°C)       A       150       AC-1 (s55°C)       A       110         AC-3 (s440V s55°C)       A       110       AC-3 (s440V)       A       47         Rated operational power AC-3 (T≤55°C)       400V       kW       61         Rated operational power AC-1 (T≤40°C)       230V       kW       57         400V       kW       98       500V       kW       129         690V       kW       129       690V       kW       173         IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       75V       A       160         110V       A       130       220V       A       -         330V       A       -       460V       A       -         1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       75V       A       160         110V       A       130       220V       A       -         330V  | Rated insulation voltage Ui IEC/EN  |             | V   | 1000            |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | Rated impulse withstand voltage Uimp  |             | kV  | 8               |
| max       Hz       400         IEC Conventional free air thermal current lth       A       160         Operational current le       AC-1 (≤40°C)       A       160         AC-1 (≤55°C)       A       150       AC-1 (≤40°C)       A       110         AC-3 (≤440V ≤55°C)       A       110       AC-3 (≤440V)       A       47         Rated operational power AC-3 (T≤55°C)       400V       kW       61       61         Rated operational power AC-1 (T≤40°C)       230V       kW       57       400V       kW       98         500V       kW       129       690V       kW       129       690V       kW       129         EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       75V       A       160       110V       A       100         220V       A       -       330V       A       -       460V       A       -         IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       75V       A       160       110V       A       130         220V       A       100       330V       A       -       460V       A       <  | Operational frequency   |             |     |                 |
| IEC Conventional free air thermal current lthA160Operational current leAC-1 (≤40°C)A160AC-1 (≤55°C)A150AC-1 (≤55°C)A110AC-3 (≤440V < 55°C)  |   | min         |     |                 |
| Operational current le       AC-1 (≤40°C)       A       160         AC-1 (≤5°C)       A       150       AC-1 (≤5°C)       A       110         AC-3 (≤440V 55°C)       A       110       AC-4 (400V)       A       47         Rated operational power AC-3 (T≤55°C)       400V       kW       61         Rated operational power AC-1 (T≤40°C)       230V       kW       57         400V       kW       98       500V       kW       129         690V       kW       173       IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       75V       A       160         110V       A       130       220V       A       -         IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       75V       A       160         110V       A       130       220V       A       -         IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       75V       A       160         110V       A       130       220V       A       -         460V       A       -       460V       A       -         IEC max current le in DC1 with L/R ≤ 1ms with 3 p   |   | max         |     |                 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |             | A   | 160             |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  | Operational current le  |             |     |                 |
| $\begin{array}{cccccccc} & AC-1 (\leq 70^{\circ}\text{C}) & A & 110 \\ AC-3 (\leq 4400 \times 55^{\circ}\text{C}) & A & 110 \\ AC-3 (\leq 4400 \times 55^{\circ}\text{C}) & A & 47 \\ \hline \\ $   |   |             |     |                 |
| AC-3 (≤440V ≤55°C)     A     110       AC-4 (400V)     A     47       Rated operational power AC-3 (T≤55°C)     400V     kW     61       Rated operational power AC-1 (T≤40°C)     230V     kW     57       400V     kW     98     500V     kW     129       690V     kW     173     120     690V     kW     173       IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series     75V     A     160     110V     A     100       220V     A     -     330V     A     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160     110V     A     130       220V     A     100     330V     A     -     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160     110V     A     130     220V     A     -     460V     A     -   |   |             |     |                 |
| AC-4 (400V)     A     47       Rated operational power AC-3 (T≤55°C)     400V     kW     61       Rated operational power AC-1 (T≤40°C)     230V     kW     57       400V     kW     98     500V     kW     129       690V     kW     173     1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series     75V     A     160       110V     A     100     220V     A     -       330V     A     -     330V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160       110V     A     130     220V     A     -       460V     A     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     -       460V     A     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     330V     A     100   <   |   | . ,         |     |                 |
| 400V     kW     61       Rated operational power AC-1 (T≤40°C)       230V     kW     57       400V     kW     98       500V     kW     129       690V     kW     129       690V     kW     173       IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       75V     A     160       110V     A     100       220V     A     -       330V     A     -       460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       75V     A     160       110V     A     130       220V     A     -       460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     130 <td></td> <td></td> <td></td> <td></td>   |   |             |     |                 |
| 400V     kW     61       Rated operational power AC-1 (T≤40°C)     230V     kW     57       400V     kW     98     500V     kW     129       690V     kW     129     690V     kW     173       IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series     75V     A     160       110V     A     100     220V     A     -       330V     A     -     330V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160       110V     A     130     220V     A     -       220V     A     100     330V     A     -       460V     A     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     -       460V     A     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A <td< td=""><td></td><td>AC-4 (400V)</td><td>A</td><td>47</td></td<>   |   | AC-4 (400V) | A   | 47              |
| 230V     kW     57       400V     kW     98       500V     kW     129       690V     kW     173       IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       75V     A     160       110V     A     100       220V     A     -       330V     A     -       460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160       110V     A     130     220V     A     -       460V     A     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     130       320V     A     130     320V     A     100       460V     A     100     330V     A <td>Rated operational power AC-3 (1≤55°C)</td> <td>4001/</td> <td></td> <td>0.4</td>  | Rated operational power AC-3 (1≤55°C)   | 4001/       |     | 0.4             |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   | 400V        | KVV | 61              |
| $\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)   | 0001/       |     |                 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $   |   |             |     |                 |
| 690V     kW     173       IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series     75V     A     160       110V     A     100     220V     A     -       330V     A     -     330V     A     -       460V     A     -     -     330V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160       110V     A     130     220V     A     100       330V     A     -     -     460V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160     -       1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160     -       1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     130       220V     A     130     330V     A     100       460V     A     100     330V     A     100       460V     A     100     330V   |   |             |     |                 |
| IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series     75V     A     160       110V     A     100     220V     A     -       330V     A     -     330V     A     -       460V     A     -     -     30V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160     110V     A     130       220V     A     100     330V     A     -     -       IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series     75V     A     160       110V     A     130     220V     A     -       IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series     75V     A     160       110V     A     130     220V     A     130       220V     A     130     330V     A     100       330V     A     100     330V     A     100       460V     A     -     -     -     -       100     460V     A     -     -     -   |   |             |     |                 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  | $\frac{1}{100}$ EC max current to in DC1 with $1/P < 1$ me with 1 poles in series | 690 v       | KVV | 175             |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  |   | 75\/        | ٨   | 160             |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |   |             |     |                 |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  |   |             |     | -               |
| $\begin{tabular}{ c c c c c } \hline 460V & A & - \\ \hline IEC max current le in DC1 with L/R \le 1ms with 2 poles in series \\ \hline 75V & A & 160 \\ 110V & A & 130 \\ 220V & A & 100 \\ 330V & A & - \\ 460V & A & - \\ \hline IEC max current le in DC1 with L/R \le 1ms with 3 poles in series \\ \hline 110V & A & 160 \\ 110V & A & 130 \\ 220V & A & 130 \\ 330V & A & 100 \\ 460V & A & - \\ \hline \end{tabular}$   |   |             |     | _               |
| $\begin{tabular}{ c c c c } \hline IEC max current le in DC1 with L/R \le 1ms with 2 poles in series & 75V & A & 160 \\ 110V & A & 130 \\ 220V & A & 100 \\ 330V & A & - \\ 460V & A & - \\ \hline IEC max current le in DC1 with L/R \le 1ms with 3 poles in series & 75V & A & 160 \\ 110V & A & 130 \\ 220V & A & 130 \\ 220V & A & 130 \\ 220V & A & 130 \\ 330V & A & 100 \\ 460V & A & - \\ \hline \end{tabular}$   |   |             |     |                 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  | IEC max current le in DC1 with L/R $\leq$ 1ms with 2 poles in series              | 1001        |     |                 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$   |   | 75V         | А   | 160             |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |   |             |     |                 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |   |             |     |                 |
| $\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$  |   |             |     | _               |
| 75V A 160<br>110V A 130<br>220V A 130<br>330V A 100<br>460V A -   |   |             |     | _               |
| 75V A 160<br>110V A 130<br>220V A 130<br>330V A 100<br>460V A -   | IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series                   |             |     |                 |
| 110V A 130<br>220V A 130<br>330V A 100<br>460V A -  | •   | 75V         | А   | 160             |
| 220V A 130<br>330V A 100<br>460V A -  |   |             |     |                 |
| 460V A -  |   |             |     |                 |
|   |   | 330V        | А   | 100             |
| IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series   |   | 460V        | А   | _               |
|   | IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series              |             |     |                 |
| 75V A 160   |   | 75V         | А   | 160             |
| 110V A 130  |   | 110V        | А   | 130             |
| 220V A 130  |   | 220V        | А   | 130             |



**11B11500440** THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 110A, AC/DC COIL, 440...480VAC/DC

|  | 330V      | А    | 130           |
|--|-----------|------|---------------|
|  | 460V      | А    | 100           |
| IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series       |           |      |               |
|  | 75V       | А    | 140           |
|  | 110V      | A    | 70            |
|  |           |      | 70            |
|  | 220V      | A    | -             |
|  | 330V      | Α    | -             |
|  | 460V      | A    |               |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series  |           |      |               |
|  | 75V       | Α    | 140           |
|  | 110V      | Α    | 100           |
|  | 220V      | А    | 80            |
|  | 330V      | А    | _             |
|  | 460V      | A    | _             |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series  | 400 V     | Α    |               |
| The max current le in DC3-DC5 with $L/R \leq 15$ ms with 5 poles in series |           | •    | 4.40          |
|  | 75V       | Α    | 140           |
|  | 110V      | А    | 120           |
|  | 220V      | Α    | 100           |
|  | 330V      | А    | 80            |
|  | 460V      | А    | _             |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series  |           |      |               |
|  | 75V       | А    | 140           |
|  | 110V      |      | 120           |
|  |           | A    |               |
|  | 220V      | А    | 120           |
|  | 330V      | А    | 120           |
|  | 460V      | Α    | 80            |
| Short-time allowable current for 10s (IEC/EN60947-1)                       |           | А    | 1100          |
| Protection fuse  |           |      |               |
|  | gG (IEC)  | А    | 200           |
|  | aM (IEC)  | A    | 125           |
| Making capacity (RMS value)  |           | A    | 1300          |
|  |           | A    | 1300          |
| Breaking capacity at voltage   |           | _    |               |
|  | 440V      | А    | 1300          |
|  | 500V      | A    | 1100          |
|  | 690V      | А    | 880           |
| Resistance per pole (average value)  |           | mΩ   | 0.3           |
| Power dissipation per pole (average value)                                 |           |      |               |
|  | lth       | W    | 7.7           |
|  | AC-3      | W    | 4             |
| Tightoning torque for terminale  | AC-3      | ٧V   | 7             |
| Tightening torque for terminals  |           |      | 10            |
|  | min       | Nm   | 10            |
|  | max       | Nm   | 10            |
|  | min       | lbin | 7.4           |
|  | max       | lbin | 7.4           |
| Max number of wires simultaneously connectable                             |           | Nr.  | 2             |
| Conductor section  |           |      |               |
| AWG/Kcmil  |           |      |               |
|  | 2001      |      | 2/0           |
|  | max       |      | 2/0           |
| Power terminal protection according to IEC/EN 60529                        |           |      | IP00          |
| Mechanical features  |           |      |               |
| Operating position   |           |      |               |
|  | normal    |      | Vertical plan |
|  | allowable |      | ±30°          |
|  |           |      |               |



11B11500440 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 110A, AC/DC COIL,

440...480VAC/DC

| Fixing                    |                                 |                 |            | Screw      |
|---------------------------|---------------------------------|-----------------|------------|------------|
| Veight                    |                                 |                 | g          | 5195       |
| Conductor section         |                                 |                 |            |            |
|                           | AWG/kcmil conductor section     |                 |            |            |
|                           |                                 | max             |            | 2/0        |
| Operations                |                                 |                 |            | 1000000    |
| Mechanical life           |                                 |                 | cycles     | 1000000    |
| Electrical life           |                                 |                 | cycles     | 1100000    |
| Safety related data       | d according to EN/ISO 12490 1   |                 |            |            |
|                           | d according to EN/ISO 13489-1   | rated load      | cycles     | 1100000    |
|                           |                                 | mechanical load | cycles     | 1000000    |
| Mirror contats according  | g to IEC/EN 609474-4-1          |                 | Cycles     | yes        |
| EMC compatibility         |                                 |                 |            | yes        |
| AC coil operating         |                                 |                 |            | yes        |
| Rated AC voltage at 50/   | /60Hz. 60Hz                     |                 |            |            |
| in the second go at our   | ,                               | min             | V          | 440        |
|                           |                                 | max             | V          | 415        |
| AC operating voltage      |                                 |                 |            |            |
|                           | of 50/60Hz coil powered at 50Hz |                 |            |            |
|                           | pick-up                         |                 |            |            |
|                           |                                 | min             | %Us        | 80         |
|                           |                                 | max             | %Us        | 110        |
|                           | drop-out                        |                 |            |            |
|                           |                                 | min             | %Us        | 20         |
|                           |                                 | max             | %Us        | 60         |
|                           | of 50/60Hz coil powered at 60Hz |                 |            |            |
|                           | pick-up                         |                 | 0/17-      | 0.0        |
|                           |                                 | min             | %Us        | 80<br>110  |
|                           | dron-out                        | max             | %Us        | 110        |
|                           | drop-out                        | min             | %Us        | 20         |
|                           |                                 | max             | %Us<br>%Us | 20<br>60   |
|                           | of 60Hz coil powered at 60Hz    | Παλ             | 7003       | 00         |
|                           | pick-up                         |                 |            |            |
|                           |                                 | min             | %Us        | 80         |
|                           |                                 | max             | %Us        | 110        |
|                           | drop-out                        |                 |            |            |
|                           |                                 | min             | %Us        | 20         |
|                           |                                 | max             | %Us        | 60         |
| AC average coil consun    | nption at 20°C                  |                 |            |            |
|                           | of 50/60Hz coil powered at 50Hz |                 |            |            |
|                           |                                 | in-rush         | VA         | 300        |
|                           |                                 | holding         | VA         | 10         |
|                           | of 50/60Hz coil powered at 60Hz |                 |            |            |
|                           |                                 | in-rush         | VA         | 300        |
|                           |                                 | holding         | VA         | 10         |
| Dissipation at holding ≤2 | 20°C 50Hz                       |                 | W          | 10         |
| DC coil operating         | -                               |                 |            |            |
| DC rated control voltage  | 3                               |                 | V          | 440        |
|                           |                                 | min             | V<br>V     | 440<br>415 |
|                           |                                 | max             | v          | 415        |

DC operating voltage

11B11500440



11B11500440 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 110A, AC/DC COIL, 440...480VAC/DC

|                          | pick-up                    |                       |            |            |
|--------------------------|----------------------------|-----------------------|------------|------------|
|                          | ρισκ-αρ                    | min                   | %Us        | 80         |
|                          |                            | max                   | %Us        | 110        |
|                          | drop-out                   |                       | /000       |            |
|                          |                            | min                   | %Us        | 20         |
|                          |                            | max                   | %Us        | 60         |
| Average coil consump     | tion ≤20°C                 |                       |            |            |
| <b>0</b>                 |                            | in-rush               | W          | 300        |
|                          |                            | holding               | W          | 10         |
| Max cycles frequency     |                            |                       |            |            |
| Mechanical operation     |                            |                       | cycles/h   | 2400       |
| Operating times          |                            |                       |            |            |
| Average time for Us co   | ontrol                     |                       |            |            |
|                          | in AC                      |                       |            |            |
|                          | Closin                     | g NO                  |            |            |
|                          |                            | min                   | ms         | 60         |
|                          |                            | max                   | ms         | 100        |
|                          | Openii                     | ng NO                 |            |            |
|                          |                            | min                   | ms         | 25         |
|                          |                            | max                   | ms         | 60         |
|                          | in DC                      |                       |            |            |
|                          | Closin                     | g NO                  |            |            |
|                          |                            | min                   | ms         | 60         |
|                          |                            | max                   | ms         | 100        |
|                          | Openii                     | ng NO                 |            |            |
|                          |                            | min                   | ms         | 25         |
|                          |                            | max                   | ms         | 60         |
| UL technical data        |                            |                       |            |            |
| Full-load current (FLA)  | ) for three-phase AC motor |                       |            |            |
|                          |                            | at 480V               | A          | 96         |
|                          |                            | at 600V               | Α          | 99         |
| Yielded mechanical pe    |                            |                       |            |            |
|                          | for three-phase AC motor   |                       |            |            |
|                          |                            | 200/208V              | HP         | 30         |
|                          |                            | 220/230V              | HP         | 40         |
| <u> </u>                 |                            | 575/600V              | HP         | 100        |
| General USE              |                            |                       |            |            |
|                          | Contactor                  |                       |            | 100        |
|                          |                            | AC current            | A          | 160        |
| Short-circuit protection |                            |                       |            |            |
|                          | Standard fault             |                       |            | -          |
|                          |                            | Short circuit current | kA         | 5          |
|                          |                            | Fuse rating           | А          | 500<br>DK5 |
| A web is not seen that   |                            | Fuse class            |            | RK5        |
| Ambient conditions       |                            |                       |            |            |
| Temperature              |                            |                       |            |            |
|                          | Operating temperature      |                       |            |            |
|                          |                            | min                   | °C<br>°°   | -50        |
|                          |                            | max                   | °C         | 70         |
|                          | Storage temperature        |                       | ^ <b>^</b> |            |
|                          |                            | min                   | °C         | -60        |
|                          |                            | max                   | °C         | 80         |
| Max altitude             |                            |                       | m          | 3000       |
| Resistance & Protection  | on                         |                       |            |            |

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## Pollution degree

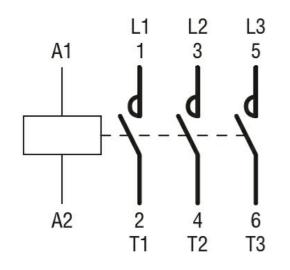
11B11500440 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 110A, AC/DC COIL,

440...480VAC/DC

3 Dimensions 120 (4.72") 184 (7.24'') 40 (1.57") (1.57") 4 (0.16") 114 (4.49") 5 В 0 Φ 150 (5.90") 170 (6.69") 120 (4.72") 150 (5.90") 170 0 0 01.02 322 险 M6 O 6 6 CONTACTOR TYPE В A U B115 M6 15 (0.59") 0 . 68 B145 M8 20 (0.79") н L • • B180 M8 20 (0.79") 5 000 n n 6  $\bigcirc$ Q 20 (0.79") 56.5 (2.22 \_ 166.1 (6.54")

0.75 <u>40</u> (1.57") <u>127.5</u> (5.02") Wiring diagrams

40 (1.57")



## 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 |                        |
|              | 202                    |
|              | cULus                  |
|              |                        |

11B11500440

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ETIM classification

EAC

**ETIM 8.0** 

EC000066 -Power contactor, AC switching