## 11B63010000380



THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL, 380...415VAC/DC



| Product designation  |              |        | Power contactor |
|--|--------------|--------|-----------------|
| Product type designation   |              |        | B6301000        |
| Contact characteristics  |              |        |                 |
| Number of poles  |              | Nr.    | 3               |
| Rated insulation voltage Ui IEC/EN                                       |              | V      | 1000            |
| Rated impulse withstand voltage Uimp                                     |              | kV     | 8               |
| Operational frequency  |              |        |                 |
|  | min          | Hz     | 25              |
|  | max          | Hz     | 400             |
| IEC Conventional free air thermal current Ith                            |              | A      | 1000            |
| Operational current le   |              |        |                 |
|  | AC-1 (≤40°C) | A      | 1000            |
|  | AC-1 (≤55°C) | A      | 850             |
|  | AC-1 (≤70°C) | A      | 700             |
|  | AC-4 (400V)  | A      | 260             |
| Rated operational power AC-1 (T≤40°C)                                    | 0001/        |        | 050             |
|  | 230V         | kW     | 350             |
|  | 400V         | kW     | 600             |
|  | 500V         | kW     | 750             |
| IFC may autrent to in DC1 with $L/P < 1$ may with 1 pales in series      | 690V         | kW     | 1000            |
| IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series     | 75V          | ٨      | 800             |
|  | 110V         | A<br>A | 460             |
|  | 220V         | A      |                 |
|  | 330V         | A      |                 |
|  | 460V         | A      |                 |
| IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series          | +001         |        |                 |
|  | 75V          | А      | 800             |
|  | 110V         | A      | 800             |
|  | 220V         | A      | 700             |
|  | 330V         | А      |                 |
|  | 460V         | А      |                 |
| IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series     |              |        |                 |
|  | 75V          | А      | 800             |
|  | 110V         | А      | 800             |
|  | 220V         | А      | 800             |
|  | 330V         | А      | 700             |
|  | 460V         | А      |                 |
| IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series     |              |        |                 |
|  | 75V          | А      | 800             |
|  | 110V         | А      | 800             |
|  | 220V         | А      | 800             |
|  | 330V         | А      | 750             |
| 150 may surrent le in DC2 DC5 with $1/D < 15$ may with 1 palas in series | 460V         | A      | 700             |

## IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series



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|  | 75V      | А    | 800           |
|--|----------|------|---------------|
|  | 110V     | А    | 460           |
|  | 220V     | А    |               |
|  | 330V     | А    |               |
|  | 460V     | A    |               |
| IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series                 |          |      |               |
|  | 75V      | А    | 800           |
|  | 110V     | A    | 800           |
|  | 220V     | A    | 700           |
|  |          |      |               |
|  | 330V     | A    |               |
| $V_{\rm EC}$ may summat be in DC2 DCE with $1/D < 45$ may with 2 males in particular | 460V     | A    |               |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series            |          | ۸    | 000           |
|  | 75V      | A    | 800           |
|  | 110V     | A    | 800           |
|  | 220V     | A    | 800           |
|  | 330V     | А    | 650           |
|  | 460V     | Α    |               |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series            |          |      |               |
|  | 75V      | А    | 800           |
|  | 110V     | А    | 800           |
|  | 220V     | А    | 800           |
|  | 330V     | А    | 650           |
|  | 460V     | А    | 700           |
| Short-time allowable current for 10s (IEC/EN60947-1)                                 |          | A    | 5600          |
| Protection fuse  |          |      | 0000          |
|  | gG (IEC) | А    | 1000          |
| Making capacity (RMS value)  | go (i20) | A    | 6300          |
| Breaking capacity at voltage   |          |      | 0000          |
| Dreaking capacity at voltage   | 440V     | А    | 6300          |
|  |          |      |               |
|  | 500V     | A    | 5600          |
|  | 690V     | A    | 5000          |
| Resistance per pole (average value)  |          | mΩ   | 0.14          |
| Power dissipation per pole (average value)   |          |      |               |
|  | Ith      | W    | 140           |
|  | AC-3     | W    | 56            |
| Tightening torque for terminals  |          |      |               |
|  | min      | Nm   | 55            |
|  | max      | Nm   | 55            |
|  | min      | Ibin | 40.6          |
|  | max      | lbin | 40.6          |
| Tightening torque for coil terminal  |          |      |               |
|  | min      | Nm   | 1             |
|  | max      | Nm   | 1             |
|  | min      | lbin | 0.74          |
|  | max      | Ibin | 0.74          |
| Max number of wires simultaneously connectable                                       |          | Nr.  | 2             |
| Conductor section  |          |      | _             |
| AWG/Kcmil  |          |      |               |
|  | may      |      | 2x 900 kcmil  |
| Power terminal protection according to IEC/EN 60520                                  | max      |      |               |
| Power terminal protection according to IEC/EN 60529                                  |          |      | IP00          |
| Mechanical features  |          |      |               |
| Operating position   |          |      |               |
|  | normal   |      | Vertical plan |
|  |          |      |               |

11B63010000380 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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|                          |                                    | allowable       |            | ±30°         |
|--------------------------|------------------------------------|-----------------|------------|--------------|
| Fixing                   |                                    |                 |            | Screw        |
| Weight                   |                                    |                 | g          | 2154         |
| Conductor section        |                                    |                 | -          |              |
|                          | AWG/kcmil conductor section        |                 |            |              |
|                          |                                    | max             |            | 2x 900 kcmil |
| Operations               |                                    |                 |            |              |
| Mechanical life          |                                    |                 | cycles     | 5000000      |
| Electrical life          |                                    |                 | cycles     | 700000       |
| Safety related data      |                                    |                 |            |              |
|                          | 0d according to EN/ISO 13489-1     |                 |            |              |
|                          | C C                                | rated load      | cycles     | 700000       |
|                          |                                    | mechanical load | cycles     | 5000000      |
| Mirror contats accordi   | ng to IEC/EN 609474-4-1            |                 | ,          | yes          |
| EMC compatibility        |                                    |                 |            | yes          |
| AC coil operating        |                                    |                 |            | <i>J</i> cc  |
| Rated AC voltage at 5    | 0/60Hz, 60Hz                       |                 |            |              |
| rated no vehage at e     |                                    | min             | V          | 380          |
|                          |                                    | max             | v          | 415          |
| AC operating voltage     |                                    | Пах             | v          | 110          |
| no operating voltage     | of 50/60Hz coil powered at 50Hz    |                 |            |              |
|                          | pick-up                            |                 |            |              |
|                          | pick up                            | min             | %Us        | 80           |
|                          |                                    | max             | %Us        | 110          |
|                          | drop-out                           | Шал             | /003       | 110          |
|                          | diop-out                           | min             | %Us        | 20           |
|                          |                                    | max             | %Us        | 60           |
|                          | of 50/60Hz coil powered at 60Hz    | IIIdA           | /005       | 00           |
|                          | pick-up                            |                 |            |              |
|                          | ρισκ-αρ                            | min             | %Us        | 80           |
|                          |                                    | max             | %Us        | 110          |
|                          | drop-out                           | Шал             | /003       | 110          |
|                          | ulop-out                           | min             | %Us        | 20           |
|                          |                                    |                 | %Us        | 60           |
|                          | of 60Hz coil powered at 60Hz       | max             | /005       | 00           |
|                          | •                                  |                 |            |              |
|                          | pick-up                            | min             | %Us        | 80           |
|                          |                                    | max             | %Us<br>%Us | 80<br>110    |
|                          | drop-out                           | IIIdX           | /005       |              |
|                          |                                    | min             | %Us        | 20           |
|                          |                                    | max             | %Us        | 60           |
| AC average coil consu    | imption at 20°C                    | Παλ             | /003       | 50           |
|                          | of 50/60Hz coil powered at 50Hz    |                 |            |              |
|                          | or our our is con powered at ouris | in-rush         | VA         | 400          |
|                          |                                    | holding         | VA<br>VA   | 18           |
|                          | of 50/60Hz coil powered at 60Hz    | noiuing         | ٧٨         | 10           |
|                          |                                    | in-rush         | VA         | 400          |
|                          |                                    | holding         | VA<br>VA   | 18           |
| Dissipation at holding   | <20°C 50Hz                         | noiuiriy        | <br>W      | 18           |
| DC coil operating        |                                    |                 | ٧V         | 10           |
|                          |                                    |                 |            |              |
| DC rated control voltage | у <del>с</del>                     | <sup>•</sup> -  |            | 290          |
|                          |                                    | min             | V          | 380          |
|                          |                                    | max             | V          | 415          |



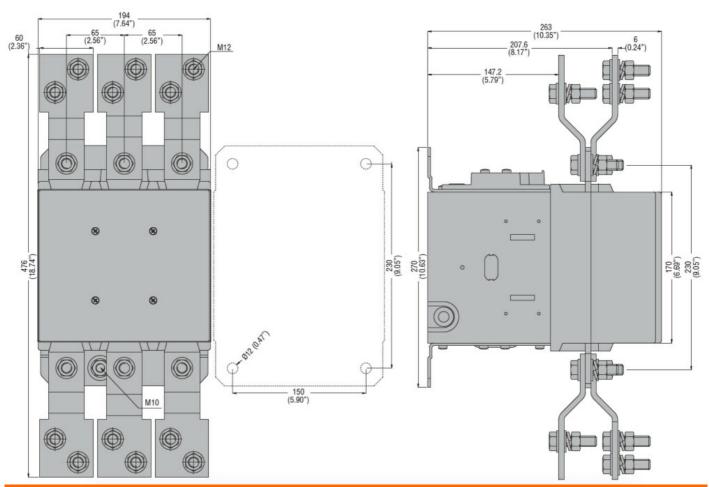
ENERGY AND AUTOMATION

| pick-up         min         %Us         80           drop-out         min         %Us         110           drop-out         min         %Us         60           Average coil consumption ≤20°C         in-rush         W         400           holding         W         18         60           Max cycles frequency         cycles/h         1200           Operating times         cycles/h         1200           Average time for Us control         in AC         1200           In AC         Closing NO         min         ms         180           Opening NO         min         ms         180           Opening NO         min         ms         100           In DC         Closing NO         min         ms         180           Opening NO         min         ms         180         0           Opening NO         min         ms         100         100           Lt technical data         min         ms         100         100           Ut technical data         technical data         technical data         technical data         technical data           Contactor         A         1000         100         1000  |                          |                           |            |                       |          |      |
|--|--------------------------|---------------------------|------------|-----------------------|----------|------|
| min         %Us         80           drop-out         min         %Us         20           max         %Us         60           Average coil consumption <20°C   | DC operating voltage     |                           |            |                       |          |      |
| max         %Us         110           drop-out         min         %Us         20           max         %Us         60           Average coil consumption ≤20°C         in-rush         W         400           Max cycles frequency         in-rush         W         400           Max cycles frequency         cycles/h         1200           Operating times         cycles/h         1200           Average time for Us control         in AC         in AC           Closing NO         min         ms         110           max         ms         100         in AC           Opening NO         min         ms         100           in DC         Closing NO         min         ms         100           in DC         Closing NO         min         ms         100           in DC         Closing NO         min         ms         100           Ut technical data         max         ms         100         into           Stort-circuit protection fuse, 600V         standard fault         A         1000           Stort-circuit protection fuse, 600V         Standard fault         A         1500           Fuse rating         A   |                          | pick-up                   |            |                       | o ( ) 1  |      |
| drop-out         min         %US         20<br>max         %US         60           Average coil consumption ≤20°C         in-rush         W         400<br>holding         W         18           Max cycles frequency         wethanical operation         cycles/h         1200           Operating times         cycles/h         1200           Average time for Us control         in AC         min         ms         110           Querage time for Us control         in AC         min         ms         100           Operating times         Closing NO         min         ms         60           Max ms         180         0         min         ms         60           Opening NO         min         ms         100         max         ms         100           In DC         Closing NO         min         ms         60         max         ms         100           UL technical data         Contactor         Max         100         min<   |                          |                           |            |                       |          |      |
| min         %Us         20<br>max           Average coll consumption \$20°C         in-rush<br>holding         W         400<br>holding           Max cycles frequency         in-rush<br>holding         W         400           Max cycles frequency         cycles/h         1200           Operating times         cycles/h         1200           Average time for Us control<br>in AC         min         ms         110<br>max           Opering NO         min         ms         60<br>max           in DC         Closing NO         min         ms         100           in DC         Closing NO         min         ms         100           Opening NO         min         ms         100         100           Ut technical data         min         ms         100         100           Ut technical data         min         ms         100         100           Short-circuit protection fuse, 600V<br>Standard fault         Short circuit current<br>Fuse class         A         1500           Fuse class         L         Max         18         1500           Fuse class         L         Max         18         1500           Fuse class         L         70         1500         150     <  |                          |                           |            | max                   | %Us      | 110  |
| max         %Us         60           Average coil consumption ≤20°C         in-rush<br>holding         W         400           Max cycles frequency         vv         18           Max cycles frequency         cycles/h         1200           Operating times         cycles/h         1200           Average time for Us control<br>in AC         min         ms         110           Closing NO         min         ms         60           max         ms         180         100           Opening NO         min         ms         100           in DC         Closing NO         min         ms         110           Opening NO         min         ms         100         100           UL technical data         s         100         100         100           UL technical data         s         100         100         100           Short circuit protection fuse, 600V         s         100         100         100           Short circuit protection fuse, 600V         Standard fault         Short circuit current         KA         18           Fuse rating         A         1500         100         100         100           Short circuit protection  |                          | drop-out                  |            |                       |          |      |
| Average coil consumption ≤20°C         in-rush         W         400<br>holding         W         400<br>holding         W         400<br>holding         W         18           Max cycles frequency         cycles/h         1200         Operating times         verage time for Us control         1200           Average time for Us control         in AC         Closing NO         min         ms         110           Max         min         ms         100         min         ms         60           Opening NO         min         ms         100         max         ms         100           In DC         Closing NO         min         ms         60         max         ms         100           UL technical data         max         ms         100         max         ms         100           General USE         Contactor         AC current         A         1000         Stort-circuit protection fuse, 600V         Standard fault         Short circuit current         KA         18           Fuse rating         A         1500         Fuse class         L         Ambient conditions           Temperature         min         °C         -50         max         °C         70           Storage te  |                          |                           |            | min                   |          |      |
| in-rush<br>holding         W         400<br>(No           Max cycles frequency         we and the second s  |                          |                           |            | max                   | %Us      | 60   |
| holding         W         18           Max cycles frequency         cycles /n         1200           Operating times         cycles /n         1200           Average time for Us control<br>in AC         min         ms         110           Opening NO         min         ms         180           Opening NO         min         ms         100           in DC         Closing NO         min         ms         100           Max attribute         Closing NO         min         ms         100           Opening NO         min         ms         100         100           UL technical data         min         ms         60         max         ms         100           Short-circuit protection fuse, 600V         min         ms         60         1000         1000         100         100   | Average coil consumption | tion ≤20°C                |            |                       |          |      |
| Max cycles frequency         cycles/h         1200           Operating times   |                          |                           |            | in-rush               | W        | 400  |
| Mechanical operation         cycles/h         1200           Operating times   |                          |                           |            | holding               | W        | 18   |
| Mechanical operation         cycles/h         1200           Operating times   | Max cycles frequency     |                           |            |                       |          |      |
| Operating times         Average time for Us control<br>in AC         Closing NO         min       ms         180         Opening NO         min       ms         in DC         Closing NO         in DC         Closing NO         min       ms         in DC         Closing NO         max       ms         max       ms         Opening NO         min       ms         Max       110         max       ms         Opening NO       max         max       ms         Opening NO       min         max       ms         Opening NO       max         max       ms         Opening NO       max         max       ms         General USE       max         Contactor       A         Stord circuit protection fuse, 600V       Standard fault         Fuse rating       A       1500         Fuse rating       A       1500         Fuse rating       A       1500         Fuse rating       C       -60  | Mechanical operation     |                           |            |                       | cycles/h | 1200 |
| Average time for Us control<br>in AC<br>Closing NO<br>$ \begin{array}{ccccccccccccccccccccccccccccccccccc$   |                          |                           |            |                       |          |      |
| in AC<br>Closing NO<br>min ms 110<br>max ms 180<br>Opening NO<br>min ms 60<br>max ms 100<br>min ms 100<br>max ms 110<br>max ms 180<br>Opening NO<br>min ms 60<br>max ms 100<br>UL technical data<br>General USE<br>Contactor<br>Contactor<br>Contactor<br>Contactor<br>AC current A 1000<br>Short-circuit protection fuse, 600V<br>Standard fault<br>Short circuit current KA 18<br>Fuse rating A 1500<br>Fuse class<br>L<br>Ambient conditions<br>Fuse rating A 1500<br>Fuse class<br>L<br>Ambient conditions<br>Fuse rating A 1500<br>Fuse class<br>L<br>Ambient conditions<br>Temperature<br>Max altitude<br>Max altitude<br>Pollution degree<br>S S S S S S S S S S S S S S S S S S S  |                          | ontrol                    |            |                       |          |      |
| Closing NO         min         ms         110           max         ms         180           Opening NO         min         ms         60           max         ms         100           in DC         Closing NO         min         ms         100           in DC         Closing NO         min         ms         110           Ut technical data         max         ms         180           Contactor         min         ms         60           Max         100         max         100           Short-circuit protection fuse, 600V         ms         100           Short-circuit protection fuse, 600V         KA         18           Fuse rating         A         1500           Fuse rating         KA         18           Fuse rating         KA         18           Fuse class         L         L           Ambient conditions         KA         18           Fuse rating         KA         18           Fuse rating         KA         1500           Fuse class         L         L           Ambient conditions         max         160           Temperature  |                          |                           |            |                       |          |      |
| $\begin{tabular}{ c c c c } & & & & & & & & & & & & & & & & & & &$   |                          |                           | Closing NO |                       |          |      |
| Max         ms         180           Min         ms         60           max         ms         100           in DC         min         ms         110           Closing NO         min         ms         180           Opening NO         max         ms         180           Opening NO         max         ms         180           UL technical data         max         ms         100           General USE         max         ms         100           Short-circuit protection fuse, 600V         Standard fault         X         1000           Short-circuit protection fuse, 600V         Standard fault         KA         18           Fuse rating Fuse rating Fuse class         L         L         X           Anbient conditions         KA         1500         L           Temperature         Operating temperature         Min         *C         -50           Max altitude         max         *C         -50         -50           Max altitude         max         *C         -60         -60           Max altitude         max         *C         80         -60           Max altitude         max   |                          |                           |            | min                   | me       | 110  |
| Opening NO           min         ms         60           max         ms         100           in DC         Closing NO         min         ms         110           Opening NO         min         ms         180           Opening NO         min         ms         100           U. technical data         min         ms         60           General USE         Contactor         min         ms         100           Short-circuit protection fuse, 600V         Standard fault         X         1000           Short-circuit protection fuse, 600V         Standard fault         X         1500           Fuse rating         A         1500         Fuse class         L           Ambient conditions         KA         18         1500           Temperature         min         *C         -50           Max         Temperature         min         *C         -50           Max altitude         min         *C         -60         -60           max         *C         80         -60         -60           Max altitude         min         *C         -60         -60           max         *C         80   |                          |                           |            |                       |          |      |
| min       ms       60         max       ms       100         in DC       Closing NO       min       ms       110         max       ms       180       max       ms       180         Opening NO       min       ms       60       max       ms       180         UL technical data       min       ms       60       max       ms       100         UL technical data       min       ms       100       ms       100       100         Short-circuit protection fuse, 600V       min       A       1000       100       100         Short-circuit protection fuse, 600V       Standard fault       KA       18       18         Fuse rating       A       1500       E       100         Short-circuit current       KA       18       18         Fuse class       L       L       18         Ambient conditions       min       °C       -50         Temperature       min       °C       70         Storage temperature       min       °C       -60         Max altitude       min       °C       -60         Max altitude       min       3000  |                          |                           |            | max                   | 1115     | 100  |
| max         ms         100           in DC         Closing NO         min         ms         110           max         ms         180         max         ms         180           Opening NO         min         ms         60         max         ms         100           Ut echnical data         max         ms         100         max         ms         100           Ut echnical data         max         ms         100         max         ms         100           Ut echnical data         contactor         AC current         A         1000         100           Short-circuit protection fuse, 600V         Standard fault         Short circuit current         kA         18           Fuse rating         A         1500         Euserating         A         1500           Fuse class         L         Max         1500         Euserating         A         1500           Temperature         min         °C         -50         -50         -50         -50           Max         max         °C         -50         -50         -50         -50         -50         -50         -50         -50         -50         -50         -50  |                          |                           |            | min                   | ma       | 60   |
| in DC<br>Closing NO<br>Min ms 110<br>max ms 180<br>Opening NO<br>Min ms 60<br>max ms 100<br>UL technical data<br>General USE<br>Contactor<br>AC current A 1000<br>Short-circuit protection fuse, 600V<br>Standard fault<br>Short circuit current kA 18<br>Fuse rating A 1500<br>Fuse class L<br>Ambient conditions<br>Temperature<br>Operating temperature<br>Operating temperature<br>Max altitude<br>Max altitude<br>Max altitude<br>Max altitude<br>Pollution degree<br>Max Standard Stan |                          |                           |            |                       |          |      |
| Closing NO         min         ms         110           max         ms         180           Opening NO         min         ms         60           max         ms         100           UL technical data         ms         100           General USE         contactor         a         1000           Short-circuit protection fuse, 600V         standard fault         A         1000           Short-circuit protection fuse, 600V         standard fault         kA         188           Fuse rating         A         1500         standard fault           Ambient conditions         KA         188         standard fault           Temperature         min         °C         -50           max         °C         70         store           Storage temperature         min         °C         -50           max         °C         70         store           Storage temperature         min         °C         -60           max         °C         80         max         °C           Max altitude         min         °C         80         3   |                          |                           |            | max                   | ms       | 100  |
| $\begin{array}{cccccccccc} & & & & & & & & & & & & & & $   |                          | in DC                     |            |                       |          |      |
| Max         max         ms         180           Min         ms         60           max         ms         100           UL technical data           General USE         Contactor         Imax         ms         100           Short-circuit protection fuse, 600V         AC current         A         1000           Short-circuit protection fuse, 600V         Standard fault         Imax         18           Ambient conditions         KA         18           Fuse rating         A         1500           Fuse class         L         Ambient conditions           Temperature         Min         °C         -50           Max         °C         70         Storage temperature         70           Storage temperature         min         °C         -60         max           Max altitude         min         °C         -60         max         °C         80           Max altitude         min         °C         -60         max         °C         80         °C   |                          |                           | Closing NO |                       |          |      |
| Opening NO       min     ms     60<br>max       min     ms     100       UL technical data      100       General USE     Contactor     AC current     A     1000       Short-circuit protection fuse, 600V     Standard fault     KA     18       Standard fault     Short circuit current     KA     18       Fuse rating     A     1500       Fuse class     L     Ambient conditions       Temperature     V     -     -       Operating temperature     min     °C     -50       Max     °C     70     -       Storage temperature     min     °C     -60       Max     atitude     m     3000  |                          |                           |            |                       |          |      |
| min ms 60<br>max ms 100<br>UL technical data<br>General USE<br>Contactor<br>AC current A 1000<br>Short-circuit protection fuse, 600V<br>Standard fault<br>Short circuit current kA 18<br>Fuse rating A 1500<br>Fuse class L<br>Ambient conditions<br>Temperature<br>Operating temperature<br>Operating temperature<br>Min °C -50<br>max °C -50<br>max °C -50<br>max °C 80<br>Max altitude m 3000<br>Resistance & Protection  |                          |                           |            | max                   | ms       | 180  |
| max       ms       100         UL technical data       General USE       Contactor       A         Contactor       AC current       A       1000         Short-circuit protection fuse, 600V       Standard fault       KA       18         Short circuit current       KA       18       Fuse rating       A       1500         Fuse rating       A       1500       Fuse class       L         Ambient conditions       L       Max       16         Temperature       Operating temperature       min       °C       -50         Max altitude       min       °C       -60       -60         Max altitude       m       3       -       -   |                          |                           | Opening NO |                       |          |      |
| UL technical data<br>General USE<br>Contactor<br>AC current A 1000<br>Short-circuit protection fuse, 600V<br>Standard fault<br>Short circuit current KA 18<br>Fuse rating A 1500<br>Fuse class L<br>Ambient conditions<br>Temperature<br>Operating temperature<br>Max altitude<br>Max altitude<br>Resistance & Protection<br>Pollution degree<br>3   |                          |                           |            | min                   | ms       |      |
| General USE       Contactor       AC current       A       1000         Short-circuit protection fuse, 600V       Standard fault       KA       18         Standard fault       Short circuit current       KA       18         Fuse rating       A       1500         Fuse class       L         Ambient conditions       L         Temperature       Operating temperature       unin       °C       -50         Max altitude       Min       °C       -60       max       °C       80         Max altitude       m       3000       3       3       3   |                          |                           |            | max                   | ms       | 100  |
| Contactor       AC current       A       1000         Short-circuit protection fuse, 600V       Standard fault       Short circuit current       KA       18         Fuse rating       A       1500       Fuse rating       A       1500         Fuse class       L       L       Ambient conditions       L         Temperature       Operating temperature       min       °C       -50         Max altitude       Min       °C       -60       -60         Max altitude       m       3000       -60       -60         Resistance & Protection       min       °C       80       -60         Resistance & Protection       min       °C       3       -60   | UL technical data        |                           |            |                       |          |      |
| AC current       A       1000         Short-circuit protection fuse, 600V       Standard fault       KA       18         Short circuit current       KA       18       Fuse rating       A       1500         Fuse rating       A       1500       Fuse class       L         Ambient conditions       U       U       U       U         Temperature       Operating temperature       min       °C       -50         Max altitude       min       °C       -60       -60         Max altitude       m       3000       -60         Resistance & Protection       3       -       -  | General USE              |                           |            |                       |          |      |
| AC current       A       1000         Short-circuit protection fuse, 600V       Standard fault       KA       18         Short circuit current       KA       18       Fuse rating       A       1500         Fuse rating       A       1500       Fuse class       L         Ambient conditions       U       U       U       U         Temperature       Operating temperature       min       °C       -50         Max altitude       min       °C       -60       -60         Max altitude       m       3000       -60         Resistance & Protection       3       -       -  |                          | Contactor                 |            |                       |          |      |
| Short-circuit protection fuse, 600V<br>Standard fault<br>Short circuit current kA 18<br>Fuse rating A 1500<br>Fuse class L<br>Ambient conditions<br>Temperature<br>Operating temperature<br>Operating temperature<br>Max altitude min °C -60<br>max °C 70<br>Storage temperature<br>Max altitude min 3000<br>Resistance & Protection<br>Pollution degree 3   |                          |                           |            | AC current            | А        | 1000 |
| Standard fault       Short circuit current       kA       18         Fuse rating       A       1500         Fuse class       L         Ambient conditions       L         Temperature       Operating temperature         Operating temperature       min       °C   | Short-circuit protection | fuse, 600V                |            |                       |          |      |
| Short circuit current       kA       18         Fuse rating       A       1500         Fuse class       L         Ambient conditions       L         Temperature       0         Operating temperature       min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         Max altitude       m       3000         Resistance & Protection       3       3   |                          |                           |            |                       |          |      |
| Fuse rating<br>Fuse class       A       1500<br>L         Ambient conditions       L         Temperature       0perating temperature       V <ul> <li>Operating temperature</li> <li>min</li> <li>°C</li> <li>r00</li> <li>Storage temperature</li> <li>min</li> <li>°C</li> <li>r00</li> </ul> Max altitude         m         3000           Resistance & Protection         3           Pollution degree         3           Storage temperature         Storage           Max altitude         m           Storage temperature         Storage  |                          |                           |            | Short circuit current | kΔ       | 18   |
| Fuse class       L         Ambient conditions       Temperature         Temperature       Operating temperature         Min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection         Pollution degree       3   |                          |                           |            |                       |          |      |
| Ambient conditions         Temperature         Operating temperature         min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection       3   |                          |                           |            |                       | Λ        |      |
| Temperature       Min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection         Pollution degree       3   | Ambient conditions       |                           |            |                       |          |      |
| Operating temperature       min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection         Pollution degree       3   |                          |                           |            |                       |          |      |
| min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection         Pollution degree       3   | remperature              | On evention of the second |            |                       |          |      |
| max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection         Pollution degree       3  |                          | Operating temperature     |            |                       | • •      | 50   |
| Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection       3   |                          |                           |            |                       |          |      |
| min       °C       -60         max       °C       80         Max altitude       m       3000         Resistance & Protection         Pollution degree       3  |                          |                           |            | max                   | °C       | 70   |
| max°C80Max altitudem3000Resistance & ProtectionPollution degree3   |                          | Storage temperature       |            |                       |          |      |
| Max altitude m 3000 Resistance & Protection Pollution degree 3   |                          |                           |            | min                   |          |      |
| Resistance & Protection<br>Pollution degree 3  |                          |                           |            | max                   | °C       | 80   |
| Pollution degree 3   | Max altitude             |                           |            |                       | m        | 3000 |
| Pollution degree 3   | Resistance & Protectic   | on                        |            |                       |          |      |
|  |                          |                           |            |                       |          | 3    |
|  |                          |                           |            |                       |          |      |
|  |                          |                           |            |                       |          |      |

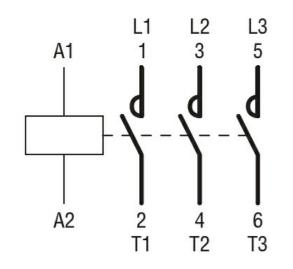
11B63010000380



THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL, 380...415VAC/DC



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                    |



**11B63010000380** THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL, 380...415VAC/DC

CULus EAC ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching