11B630400380



electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 800A, AC/DC COIL, 380... 415VAC/DC

| Product designation<br>Product type designation |  |      | Power contactor<br>B630 |
|---|--|------|-------------------------|
| Contact characteristics                         |  |      | B030                    |
| Number of poles                                 |  | nr.  | 4                       |
| Rated insulation voltage Ui                     |  | V    | 1000                    |
| Rated impulse withstand voltage Uimp            |  | kV   | 8                       |
| Operating frequency                             |  |      |                         |
|   | Operational frequency min                  | Hz   | 25                      |
|   | Operational frequency max                  | Hz   | 400                     |
| Conventional free air thermal current Ith       | · · · ·                                    | А    | 800                     |
| Operating current                               |  |      |                         |
|   | Operational current AC1 (≤40°C)            | А    | 800                     |
|   | Operational current AC3 (≤440V ≤55°C)      | А    | 630                     |
|   | Operational current AC4 (400V)             | А    | 210                     |
| Rated operational power AC1 (T≤40°C)            |  |      |                         |
|   | 230V                                       | kW   | 288                     |
|   | 400V                                       | kW   | 500                     |
|   | 500V                                       | kW   | 655                     |
|   | 690V                                       | kW   | 860                     |
| Rated operational power AC3 (T≤55°C)            |  |      |                         |
|   | 230V                                       | kW   | 198                     |
|   | 400V                                       | kW   | 335                     |
|   | 415V                                       | kW   | 368                     |
|   | 440V                                       | kW   | 368                     |
|   | 500V                                       | kW   | 368                     |
|   | 690V                                       | kW   | 440                     |
|   | 1000V                                      | kW   | 360                     |
| Short-time allowable current for 10s (IEC/EN    | 60947-1)                                   | A    | 5040                    |
| Protection fuse                                 |  | -    |                         |
|   | gG (IEC)                                   | A    | 1000                    |
|   | aM (IEC)                                   | A    | 630                     |
| Making capacity (RMS value)                     |  | A    | 6300                    |
| Breaking capacity at voltage                    |  | -    |                         |
|   | Breaking capacity 440V                     | Α    | 6300                    |
|   | Breaking capacity 500V                     | A    | 5600                    |
|   | Breaking capacity 690V                     | A    | 5000                    |
| Resistance per pole (average value)             |  | mΩ   | 0.14                    |
| Power dissipation per pole (average value)      |  |      |                         |
|   | Power dissipation pole (average value) Ith | W    | 90                      |
|   | AC3  | W    | 56                      |
| Tightening torque for terminals                 |  |      |                         |
|   | min  | Nm   | 55                      |
|   | max  | Nm   | 55                      |
|   | min  | lbft | 40.6                    |
|   | max  | lbft | 40.6                    |

electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 800A, AC/DC COIL, 380...

ENERGY AND AUTOMATION

415VAC/DC

11B630400380

|  | simultaneously connectable  |   | nr.  | 2   |
|--|---|---|--|---|
| Conductor section  |   |   |  |   |
|  | AWG   |   |  |   |
|  |   | max   |  | 2x 600 kcmil  |
|  | tion according to IEC/EN 60529  |   |  | IP00  |
| Auxiliary contact chara  |   |   | ۸  | 800   |
| Operational current AC<br>Operating current DC1  |   |   | A  | 800   |
| Operating current DC   | 15  | 110V  | А  | Screw   |
| Ambient conditions   |   | 1100  | A  | Sciew   |
| Temperature  |   |   |  |   |
| remperature  | Operating temperature   |   |  |   |
|  | opolating temperature   | min   | °C   | -50   |
|  |   | max   | °Č   | 70  |
|  | Storage temperature   |   | _  |   |
|  | 5   | min   | °C   | -60   |
|  |   | max   | °C   | 80  |
| Max altitude   |   |   | m  | 3000  |
| Operating position   |   |   |  |   |
|  |   | normal  |  | Vertical plan   |
|  |   | allowable   |  | ±30°  |
| Mounting   |   |   |  | Screw   |
| Weight   |   |   | g  | 21.65   |
| Operations   |   |   |  |   |
|  |   |   |  |   |
| Mechanical life  |   |   | Cycles   | 5000000   |
| Electrical life  |   |   | Cycles<br>Cycles   | 5000000<br>700000   |
| Electrical life<br>Safety related data   |   |   | -  |   |
| Electrical life<br>Safety related data   | 0d according to EN/ISO 13489-1  |   | Cycles   | 700000  |
| Electrical life<br>Safety related data   | 0d according to EN/ISO 13489-1  | rated load  | Cycles   | 700000<br>700000  |
| Electrical life<br>Safety related data<br>Performance level B10  |   | rated load<br>mechanical load   | Cycles   | 700000<br>700000<br>5000000   |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin   | 0d according to EN/ISO 13489-1<br>ng to IEC/EN 609474-4-1   |   | Cycles   | 700000<br>700000<br>5000000<br>yes  |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility  |   |   | Cycles   | 700000<br>700000<br>5000000   |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         |   |   | Cycles   | 700000<br>700000<br>5000000<br>yes  |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1   |   | Cycles   | 700000<br>700000<br>5000000<br>yes  |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz  |   | Cycles   | 700000<br>700000<br>5000000<br>yes  |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1   | mechanical load   | Cycles<br>Cicli<br>Cicli   | 700000<br>700000<br>5000000<br>yes<br>yes   |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz  | mechanical load   | Cycles<br>Cicli<br>Cicli<br>%Us  | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8  |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up   | mechanical load   | Cycles<br>Cicli<br>Cicli   | 700000<br>700000<br>5000000<br>yes<br>yes   |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz  | mechanical load   | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us   | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1   |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up   | mechanical load   | Cycles<br>Cicli<br>Cicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2                                    |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up   | mechanical load<br>min<br>max<br>min                                    | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us   | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1   |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out   | mechanical load<br>min<br>max<br>min                                    | Cycles<br>Cicli<br>Cicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2                                    |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz                        | mechanical load<br>min<br>max<br>min                                    | Cycles<br>Cicli<br>Cicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2                                    |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz                        | mechanical load<br>min<br>max<br>min<br>max                             | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us<br>%Us<br>%Us   | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6                             |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz                        | mechanical load<br>min<br>max<br>min<br>max<br>min<br>max               | Cycles<br>Cicli<br>Cicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6<br>0.8                      |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz<br>pick-up             | mechanical load<br>min<br>max<br>min<br>max<br>min<br>max               | Cycles<br>Cicli<br>Cicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli<br>Sicli | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6<br>0.8                      |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating                         | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz<br>pick-up             | mechanical load<br>min<br>max<br>min<br>max<br>min<br>max               | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us   | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6<br>0.8<br>1.1               |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating<br>AC operating voltage | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz<br>pick-up             | mechanical load<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us   | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6<br>0.8<br>1.1<br>0.2<br>0.6 |
| Electrical life<br>Safety related data<br>Performance level B10<br>Mirror contats accordin<br>EMC compatibility<br>AC coil operating<br>AC operating voltage | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz<br>pick-up             | mechanical load<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us  | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6<br>0.8<br>1.1<br>0.2<br>0.6 |
| Electrical life<br>Safety related data<br>Performance level B10  | ng to IEC/EN 609474-4-1<br>of 50/60Hz coil powered at 50Hz<br>pick-up<br>drop-out<br>of 50/60Hz coil powered at 60Hz<br>pick-up<br>drop-out | mechanical load<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max | Cycles<br>Cicli<br>Cicli<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us<br>%Us   | 700000<br>700000<br>5000000<br>yes<br>yes<br>0.8<br>1.1<br>0.2<br>0.6<br>0.8<br>1.1<br>0.2<br>0.6 |

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 11B630400380

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electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 800A, AC/DC COIL, 380...

415VAC/DC

|   |            |            | in-rush<br>holding | VA<br>VA   | 400<br>18 |
|---|------------|------------|--------------------|------------|-----------|
| Dissipation at holding :                  | ≤20°C 50Hz |            | noiding            | W          | 18        |
| DC coil operating                         |            |            |                    |            |           |
| DC rated control voltage                  | ge         |            |                    |            |           |
|   | -          |            | min                | V          | 24        |
| DC operating voltage                      |            |            |                    |            |           |
|   | pick-up    |            |                    |            |           |
|   |            |            | min                | %Us        | 0.8       |
|   |            |            | max                | %Us        | 1.10      |
|   | drop-out   |            |                    |            |           |
|   |            |            | min                | %Us        | 0.2       |
|   |            |            | max                | %Us        | 0.60      |
| Average coil consuption                   | on ≤20°C   |            |                    |            | 400       |
|   |            |            | in-rush            | W          | 400       |
|   |            |            | holding            | W          | 18        |
| Max cycles frequency                      |            |            |                    | Quala a /h | 4000      |
| Mechanical operations                     | 5          |            |                    | Cycles/h   | 1200      |
| Operating times<br>Average time for Us co | ontrol     |            |                    |            |           |
| Average lime for US C                     | in AC      |            |                    |            |           |
|   | III AC     | Closing NO |                    |            |           |
|   |            |            | min                | ms         | 110       |
|   |            |            | max                | ms         | 180       |
|   |            | Opening NO |                    |            |           |
|   |            | - F        | min                | ms         | 60        |
|   |            |            | max                | ms         | 100       |
|   | in DC      |            |                    |            |           |
|   |            | Closing NO |                    |            |           |
|   |            |            | min                | ms         | 110       |
|   |            |            | max                | ms         | 180       |
|   |            | Opening NO |                    |            |           |
|   |            |            | min                | ms         | 60        |
|   |            |            | max                | ms         | 100       |
| UL technical data                         |            |            |                    |            |           |
| General USE                               | 0.4.4      |            |                    |            |           |
|   | Contactor  |            |                    | •          | 000       |
|   |            |            | AC current         | A          | 800       |
| Other features                            |            |            |                    |            | 2         |
| Pollution degree                          |            |            |                    |            | 3         |
| Dimensions                                |            |            |                    |            |           |



OVE

electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 800A, AC/DC COIL, 380...

ENERGY AND AUTOMATION

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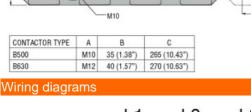
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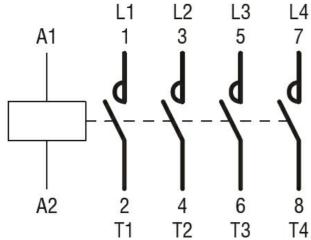
270

415VAC/DC 259 (10.20") 65 (2.56") 263 (10.35") 65 (2.56") 6 (0.24") (6.99\*) G 0 θ 230 170 6.69" 230 (9.05" θ 100 ST 10

215 (8.46")







## Certifications and compliance

| Certifications        |                        |
|-----------------------|------------------------|
|                       | 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           |
| Compliance            |                        |
|                       | CCC                    |
|                       | cULus                  |
|                       | EAC                    |
| ETIM 6 classification | n                      |

EC000066 - Power contactor, AC switching

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