



| Product designation                                                  |                    |     | Power contactor |
|----------------------------------------------------------------------|--------------------|-----|-----------------|
| Product type designation                                             |                    |     | BG06            |
| Contact characteristics                                              |                    |     |                 |
| Number of poles                                                      |                    | Nr. | 3               |
| Rated insulation voltage Ui IEC/EN                                   |                    | V   | 690             |
| Rated impulse withstand voltage Uimp                                 |                    | kV  | 6               |
| Operational frequency                                                |                    |     |                 |
|                                                                      | min                | Hz  | 25              |
|                                                                      | max                | Hz  | 400             |
| IEC Conventional free air thermal current Ith                        |                    | Α   | 16              |
| Operational current le                                               |                    |     | -               |
|                                                                      | AC-1 (≤40°C)       | А   | 16              |
|                                                                      | AC-1 (≤55°C)       | А   | 14              |
|                                                                      | AC-1 (≤70°C)       | А   | 12              |
|                                                                      | AC-3 (≤440V ≤55°C) | А   | 6               |
|                                                                      | AC-4 (400V)        | А   | 3.3             |
| Rated operational power AC-3 (T≤55°C)                                |                    |     |                 |
|                                                                      | 230V               | kW  | 1.5             |
|                                                                      | 400V               | kW  | 2.2             |
|                                                                      | 415V               | kW  | 2.4             |
|                                                                      | 440V               | kW  | 2.5             |
|                                                                      | 500V               | kW  | 3               |
|                                                                      | 690V               | kW  | 3               |
| Rated operational power AC-1 (T≤40°C)                                |                    |     |                 |
|                                                                      | 230V               | kW  | 6               |
|                                                                      | 400V               | kW  | 10              |
|                                                                      | 500V               | kW  | 13              |
|                                                                      | 690V               | kW  | 18              |
| IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series |                    |     |                 |
|                                                                      | ≤24V               | А   | 9               |
|                                                                      | 48V                | А   | 8               |
|                                                                      | 75V                | А   | 4               |
|                                                                      | 110V               | А   | 3               |
|                                                                      | 220V               | A   | -               |
| IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series |                    |     |                 |
|                                                                      | ≤24V               | А   | 12              |
|                                                                      | 48V                | А   | 11              |
|                                                                      | 75V                | А   | 7               |
|                                                                      | 110V               | А   | 6               |
|                                                                      | 220V               | A   | _               |
| IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series |                    |     |                 |
|                                                                      | ≤24V               | А   | 14              |
|                                                                      | 48V                | А   | 14              |
|                                                                      | 75V                | A   | 8               |
|                                                                      | 110V               | А   | 8               |

electric ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 50/60HZ, 110VAC, 1NC AUXILIARY CONTACT

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|                                                                           | 220V      | А        | 1    |
|---------------------------------------------------------------------------|-----------|----------|------|
| IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series           |           |          |      |
|                                                                           | ≤24V      | А        | _    |
|                                                                           | 48V       | А        | _    |
|                                                                           | 75V       | А        | _    |
|                                                                           | 110V      | А        | _    |
|                                                                           | 220V      | А        | _    |
| IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series      |           |          |      |
|                                                                           | ≤24V      | А        | 6    |
|                                                                           | 48V       | A        | 5    |
|                                                                           | 75V       | A        | 2    |
|                                                                           | 110V      | A        | 1    |
|                                                                           | 220V      | A        | I    |
| IFC may autrent to in DC2 DC5 with L/D < 15mg with 2 nation in partice    | 220 V     | A        | _    |
| IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series | <0.4) /   | ۸        | 7    |
|                                                                           | ≤24V      | A        | 7    |
|                                                                           | 48V       | A        | 7    |
|                                                                           | 75V       | A        | 4    |
|                                                                           | 110V      | A        | 3    |
|                                                                           | 220V      | A        | _    |
| IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 3 poles in series |           |          |      |
|                                                                           | ≤24V      | А        | 9    |
|                                                                           | 48V       | А        | 9    |
|                                                                           | 75V       | А        | 5    |
|                                                                           | 110V      | А        | 4    |
|                                                                           | 220V      | А        | 0,5  |
| IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series      |           |          |      |
|                                                                           | ≤24V      | А        | _    |
|                                                                           | 48V       | А        | _    |
|                                                                           | 75V       | А        | _    |
|                                                                           | 110V      | А        | _    |
|                                                                           | 220V      | А        | _    |
| Short-time allowable current for 10s (IEC/EN60947-1)                      |           | А        | 96   |
| Protection fuse                                                           |           |          |      |
|                                                                           | gG (IEC)  | А        | 16   |
|                                                                           | aM (IEC)  | A        | 6    |
| Making capacity (RMS value)                                               |           | A        | 92   |
|                                                                           |           | A        | 92   |
| Breaking capacity at voltage                                              | 4 4 0 1 4 | ۸        | 70   |
|                                                                           | 440V      | A        | 72   |
|                                                                           | 500V      | A        | 72   |
|                                                                           | 690V      | <u>A</u> | 72   |
| Resistance per pole (average value)                                       |           | mΩ       | 10   |
| Power dissipation per pole (average value)                                |           |          |      |
|                                                                           | Ith       | W        | 2.6  |
|                                                                           | AC-3      | W        | 0.36 |
| Tightening torque for terminals                                           |           |          |      |
|                                                                           | min       | Nm       | 0.8  |
|                                                                           | max       | Nm       | 1    |
|                                                                           | min       | lbin     | 9    |
|                                                                           | max       | lbin     | 9    |
| Tightening torque for coil terminal                                       |           |          |      |
|                                                                           | min       | Nm       | 0.8  |
|                                                                           | max       | Nm       | 1    |
|                                                                           | min       | Ibin     | 9    |
|                                                                           | •••••     |          | -    |

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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 50/60HZ, 110VAC, 1NC AUXILIARY CONTACT

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| Max number of wiree                                                                                                                                                                                                  | simultaneously connectable                                         | max                                                                               | Ibin<br>Nr.                                                             | 9                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Conductor section                                                                                                                                                                                                    | Simulaneously connectable                                          |                                                                                   | INI.                                                                    | 2                                                                                                                          |
|                                                                                                                                                                                                                      | AWG/Kcmil                                                          |                                                                                   |                                                                         |                                                                                                                            |
|                                                                                                                                                                                                                      | AWORKIM                                                            | max                                                                               |                                                                         | 12                                                                                                                         |
|                                                                                                                                                                                                                      | Flexible w/o lug conductor section                                 | max                                                                               |                                                                         | 12                                                                                                                         |
|                                                                                                                                                                                                                      |                                                                    | min                                                                               | mm²                                                                     | 0.75                                                                                                                       |
|                                                                                                                                                                                                                      |                                                                    | max                                                                               | mm²                                                                     | 2.5                                                                                                                        |
|                                                                                                                                                                                                                      | Flexible c/w lug conductor section                                 |                                                                                   |                                                                         |                                                                                                                            |
|                                                                                                                                                                                                                      | -                                                                  | min                                                                               | mm²                                                                     | 1.5                                                                                                                        |
|                                                                                                                                                                                                                      |                                                                    | max                                                                               | mm²                                                                     | 2.5                                                                                                                        |
|                                                                                                                                                                                                                      | Flexible with insulated spade lug conductor section                |                                                                                   |                                                                         |                                                                                                                            |
|                                                                                                                                                                                                                      |                                                                    | min                                                                               | mm²                                                                     | 1.5                                                                                                                        |
|                                                                                                                                                                                                                      |                                                                    | max                                                                               | mm²                                                                     | 2.5                                                                                                                        |
| Power terminal prote                                                                                                                                                                                                 | ection according to IEC/EN 60529                                   |                                                                                   |                                                                         | IP20 when                                                                                                                  |
| · ·                                                                                                                                                                                                                  |                                                                    |                                                                                   |                                                                         | properly wired                                                                                                             |
| Mechanical features                                                                                                                                                                                                  |                                                                    |                                                                                   |                                                                         |                                                                                                                            |
| Operating position                                                                                                                                                                                                   |                                                                    |                                                                                   |                                                                         |                                                                                                                            |
|                                                                                                                                                                                                                      |                                                                    | normal                                                                            |                                                                         | Vertical plan                                                                                                              |
|                                                                                                                                                                                                                      |                                                                    | allowable                                                                         |                                                                         | ±30°                                                                                                                       |
| Fixing                                                                                                                                                                                                               |                                                                    |                                                                                   |                                                                         | Screw / DIN ra<br>35mm                                                                                                     |
|                                                                                                                                                                                                                      |                                                                    |                                                                                   | ~                                                                       | 35mm<br>178                                                                                                                |
| Weight<br>Conductor section                                                                                                                                                                                          |                                                                    |                                                                                   | g                                                                       | 170                                                                                                                        |
| Conductor Section                                                                                                                                                                                                    | AWG/kcmil conductor section                                        |                                                                                   |                                                                         |                                                                                                                            |
|                                                                                                                                                                                                                      | AVVG/KCITIII CONductor Section                                     | 2001                                                                              |                                                                         | 12                                                                                                                         |
|                                                                                                                                                                                                                      |                                                                    |                                                                                   |                                                                         |                                                                                                                            |
| Auviliary contact cha                                                                                                                                                                                                | ractaristics                                                       | max                                                                               |                                                                         | 12                                                                                                                         |
| Auxiliary contact char<br>Thermal current Ith                                                                                                                                                                        | racteristics                                                       | max                                                                               | Α                                                                       |                                                                                                                            |
| Thermal current Ith                                                                                                                                                                                                  |                                                                    | max                                                                               | A                                                                       | 10                                                                                                                         |
| Thermal current lth<br>IEC/EN 60947-5-1 d                                                                                                                                                                            | esignation                                                         | max                                                                               | A                                                                       |                                                                                                                            |
| Thermal current Ith                                                                                                                                                                                                  | esignation                                                         |                                                                                   |                                                                         | 10<br>A600 - Q600                                                                                                          |
| Thermal current lth<br>IEC/EN 60947-5-1 d                                                                                                                                                                            | esignation                                                         | 230V                                                                              | A                                                                       | 10<br>A600 - Q600<br>3                                                                                                     |
| Thermal current lth<br>IEC/EN 60947-5-1 d                                                                                                                                                                            | esignation                                                         | 230V<br>400V                                                                      | A<br>A                                                                  | 10<br>A600 - Q600<br>3<br>1.9                                                                                              |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15                                                  | 230V                                                                              | A                                                                       | 10<br>A600 - Q600<br>3                                                                                                     |
| Thermal current lth<br>IEC/EN 60947-5-1 d                                                                                                                                                                            | esignation<br>C15                                                  | 230V<br>400V<br>500V                                                              | A<br>A<br>A                                                             | 10<br>A600 - Q600<br>3<br>1.9<br>1.4                                                                                       |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V                                                                      | A<br>A                                                                  | 10<br>A600 - Q600<br>3<br>1.9                                                                                              |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V                                                      | A<br>A<br>A<br>A                                                        | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9                                                                                |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V                                                              | A<br>A<br>A                                                             | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9                                                                         |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V                                               | A<br>A<br>A<br>A                                                        | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9                                                                                |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V                                        | A<br>A<br>A<br>A<br>A                                                   | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4                                                           |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V                                 | A<br>A<br>A<br>A<br>A<br>A<br>A                                         | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2                                                    |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V                         | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A                               | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6                                             |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V                 | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A                          | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55                                     |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC                                                                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V         | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A                     | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3                              |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC                                                                                                    | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V         | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A                     | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3                              |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC<br>Operations<br>Mechanical life<br>Electrical life                                                | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V         | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A           | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3<br>0.1                       |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC<br>Operating current DC<br>Operations<br>Mechanical life<br>Electrical life<br>Safety related data | esignation<br>C15<br>C12<br>C13                                    | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V         | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>Cycles | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3<br>0.1<br>20000000           |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC<br>Operating current DC<br>Operations<br>Mechanical life<br>Electrical life<br>Safety related data | esignation<br>C15<br>C12                                           | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V         | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>Cycles | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3<br>0.1<br>20000000           |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC<br>Operating current DC<br>Operations<br>Mechanical life<br>Electrical life<br>Safety related data | esignation<br>C15<br>C12<br>C13<br>10d according to EN/ISO 13489-1 | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V<br>600V | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>Cycles | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3<br>0.1<br>20000000<br>500000        |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC<br>Operating current DC<br>Operations<br>Mechanical life<br>Electrical life<br>Safety related data | esignation<br>C15<br>C12<br>C13<br>10d according to EN/ISO 13489-1 | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V<br>600V | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>Cycles<br>cycles | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3<br>0.1<br>20000000<br>500000 |
| Thermal current Ith<br>IEC/EN 60947-5-1 d<br>Operating current AC<br>Operating current DC<br>Operating current DC<br>Operations<br>Mechanical life<br>Electrical life<br>Safety related data<br>Performance level B  | esignation<br>C15<br>C12<br>C13<br>10d according to EN/ISO 13489-1 | 230V<br>400V<br>500V<br>110V<br>24V<br>48V<br>60V<br>110V<br>125V<br>220V<br>600V | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>Cycles<br>cycles | 10<br>A600 - Q600<br>3<br>1.9<br>1.4<br>2.9<br>2.9<br>1.4<br>1.2<br>0.6<br>0.55<br>0.3<br>0.1<br>20000000<br>500000        |

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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 50/60HZ, 110VAC, 1NC AUXILIARY CONTACT

| Rated AC voltage at                                             | 50/60Hz          |                                                                    |                                                                                                | V                                                                               | 110                                                                               |
|-----------------------------------------------------------------|------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| AC operating voltage                                            |                  |                                                                    |                                                                                                |                                                                                 |                                                                                   |
|                                                                 | of 50/60Hz coil  | powered at 50Hz                                                    |                                                                                                |                                                                                 |                                                                                   |
|                                                                 |                  | pick-up                                                            |                                                                                                |                                                                                 |                                                                                   |
|                                                                 |                  |                                                                    | min                                                                                            | %Us                                                                             | 75                                                                                |
|                                                                 |                  |                                                                    | max                                                                                            | %Us                                                                             | 115                                                                               |
|                                                                 |                  | drop-out                                                           |                                                                                                | 0/11-                                                                           | 0.0                                                                               |
|                                                                 |                  |                                                                    | min                                                                                            | %Us                                                                             | 20                                                                                |
|                                                                 |                  | powered at 60Hz                                                    | max                                                                                            | %Us                                                                             | 55                                                                                |
|                                                                 |                  | powered at 60Hz<br>pick-up                                         |                                                                                                |                                                                                 |                                                                                   |
|                                                                 |                  | ριοκ-αρ                                                            | min                                                                                            | %Us                                                                             | 80                                                                                |
|                                                                 |                  |                                                                    | max                                                                                            | %Us                                                                             | 115                                                                               |
|                                                                 |                  | drop-out                                                           | max                                                                                            | /000                                                                            | 110                                                                               |
|                                                                 |                  |                                                                    | min                                                                                            | %Us                                                                             | 20                                                                                |
|                                                                 |                  |                                                                    | max                                                                                            | %Us                                                                             | 55                                                                                |
| AC average coil cons                                            | sumption at 20°C |                                                                    |                                                                                                |                                                                                 |                                                                                   |
| č                                                               |                  | powered at 50Hz                                                    |                                                                                                |                                                                                 |                                                                                   |
|                                                                 |                  |                                                                    | in-rush                                                                                        | VA                                                                              | 30                                                                                |
|                                                                 |                  |                                                                    | holding                                                                                        | VA                                                                              | 4                                                                                 |
|                                                                 | of 50/60Hz coil  | powered at 60Hz                                                    |                                                                                                |                                                                                 |                                                                                   |
|                                                                 |                  |                                                                    | in-rush                                                                                        | VA                                                                              | 25                                                                                |
|                                                                 |                  |                                                                    | holding                                                                                        | VA                                                                              | 3                                                                                 |
|                                                                 | of 60Hz coil pov | vered at 60Hz                                                      |                                                                                                |                                                                                 |                                                                                   |
|                                                                 |                  |                                                                    | in-rush                                                                                        | VA                                                                              | 30                                                                                |
|                                                                 |                  |                                                                    |                                                                                                | 1/1                                                                             | 4                                                                                 |
|                                                                 |                  |                                                                    | holding                                                                                        | VA                                                                              |                                                                                   |
| Dissipation at holding                                          |                  |                                                                    | noiding                                                                                        | W                                                                               | 0.95                                                                              |
| Max cycles frequency                                            | /                |                                                                    | nolaing                                                                                        | W                                                                               | 0.95                                                                              |
| Max cycles frequency<br>Mechanical operation                    | /                |                                                                    | noiaing                                                                                        |                                                                                 | 0.95                                                                              |
| Max cycles frequency<br>Mechanical operation<br>Operating times | /                |                                                                    | nolaing                                                                                        | W                                                                               | 0.95                                                                              |
| Max cycles frequency<br>Mechanical operation                    | control          |                                                                    | noiding                                                                                        | W                                                                               | 0.95                                                                              |
| Max cycles frequency<br>Mechanical operation<br>Operating times | /                | Closing NO                                                         | nolaing                                                                                        | W                                                                               | 0.95                                                                              |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Closing NO                                                         |                                                                                                | W<br>cycles/h                                                                   | 0.95<br>3600                                                                      |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Closing NO                                                         | min                                                                                            | W<br>cycles/h<br>ms                                                             | 0.95<br>3600<br>12                                                                |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          |                                                                    |                                                                                                | W<br>cycles/h                                                                   | 0.95<br>3600                                                                      |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Closing NO<br>Opening NO                                           | min                                                                                            | W<br>cycles/h<br>ms                                                             | 0.95<br>3600<br>12<br>21                                                          |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          |                                                                    | min<br>max                                                                                     | W<br>cycles/h<br>ms<br>ms                                                       | 0.95<br>3600<br>12                                                                |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          |                                                                    | min<br>max<br>min                                                                              | W<br>cycles/h<br>ms<br>ms<br>ms                                                 | 0.95<br>3600<br>12<br>21<br>9                                                     |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Opening NO                                                         | min<br>max<br>min                                                                              | W<br>cycles/h<br>ms<br>ms<br>ms                                                 | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17                                         |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Opening NO<br>Closing NC                                           | min<br>max<br>min<br>max                                                                       | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms                                           | 0.95<br>3600<br>12<br>21<br>9<br>18                                               |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Opening NO                                                         | min<br>max<br>min<br>max<br>min<br>max                                                         | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms                               | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26                                   |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Opening NO<br>Closing NC                                           | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min                                    | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms                   | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7                              |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control<br>in AC | Opening NO<br>Closing NC                                           | min<br>max<br>min<br>max<br>min<br>max                                                         | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms                               | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26                                   |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control          | Opening NO<br>Closing NC<br>Opening NC                             | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min                                    | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms                   | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7                              |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control<br>in AC | Opening NO<br>Closing NC                                           | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max                             | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms             | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7<br>17                        |
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| Max cycles frequency<br>Mechanical operation<br>Operating times | control<br>in AC | Opening NO<br>Closing NC<br>Opening NC<br>Closing NO               | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max                             | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms             | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7<br>17                        |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control<br>in AC | Opening NO<br>Closing NC<br>Opening NC                             | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max                             | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms       | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7<br>17<br>17<br>18<br>25      |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control<br>in AC | Opening NO<br>Closing NC<br>Opening NC<br>Closing NO               | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7<br>17<br>17<br>18<br>25<br>2 |
| Max cycles frequency<br>Mechanical operation<br>Operating times | control<br>in AC | Opening NO<br>Closing NC<br>Opening NC<br>Closing NO<br>Opening NO | min<br>max<br>min<br>max<br>min<br>max<br>min<br>max<br>min<br>max                             | W<br>cycles/h<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms<br>ms       | 0.95<br>3600<br>12<br>21<br>9<br>18<br>17<br>26<br>7<br>17<br>17<br>18<br>25      |
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11BG0601A110 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



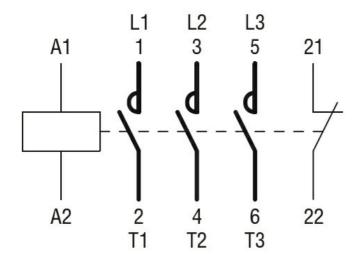
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 50/60HZ, 110VAC, 1NC AUXILIARY CONTACT

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 | 110/120V              | HP       | 0.3                                            |
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 | 200/208V              | HP       | 1.5                                            |
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|                       | (228") S | 57<br>24")<br>RF9<br>(3.51")<br>7.6<br>(0.30") |
| 8.5<br>(0.33")<br>Wiring diagrams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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 | (1.73")               |          | (3.51")                                        |

## Wiring diagrams





## Certifications and compliance

## Compliance

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

**ETIM 8.0** 

EC000066 -Power contactor, AC switching