

GX16136O48 electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 3 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

| Droduct designation | | | | ^o Rotary cam |
|---|----------------------------------|----------------------|---------|--|
| Product designation | | | | switches |
| Product type designati General characteristics | | | | GX16 |
| | | | | 136 - Multi-step |
| Switching diagram | | | | 0-1-2-3 3 poles |
| N° of elements | | | | 5 |
| Mounting form | | | | O48 - Modular service cover for 35mm din rail mounting with black handle |
| Contact characteristics | | | | |
| Rated insulation voltag | | | | |
| - | | IEC/EN | V | 690 |
| | | UL/CSA | V | 600 |
| Rated impulse withstar | | | kV | 6 |
| Conventional free air th | nermal current Ith | | | 4.0 |
| | | IEC/EN | A | 16 |
| Rated operational volta | 200 | UL/CSA | A V | <u>12</u> 440 |
| Rated operational impl | - | | kV | 440 |
| | short-circuit protection In (gG) | | ιτν | |
| | | 10kA | А | 16 |
| | | 15kA | А | 16 |
| | | 25kA | А | 16 |
| Rated short time curre | nt Icw | | | |
| | | 1s | А | 250 |
| Conductivity | | | | 10/5 mA/V |
| Operational current le | | | | |
| | AC1/AC21A | | ٨ | 16 |
| | AC15 | | A | 16 |
| | A013 | 110V | А | 10 |
| | | 220/230V | A | 8 |
| | | 380/400V | A | 4 |
| | | 660/690V | А | 1.5 |
| Rated operational pow | | | | |
| | Three-phase AC-3 | | | |
| | | 220/230V | kW | 3.5 |
| | | 380/440V 500/690V | kW | 4.5 |
| | Single-phase AC-3 | 500/690V | kW | 5.5 |
| | Single-phase AC-3 | 110V | kW | 0.55 |
| | | 220/230V | kW | 1.5 |
| | | 380/440V | kW | 2.2 |
| | Three-phase AC23A | | | |
| | | 220/230V | kW | 3.7 |
| | | 380/440V | kW | 6.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | | 1 3 4 7 | 0.75 |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 1.8 |

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| | 380/440V | kW | 3 |
|--|--------------|------------|-------------------|
| Rated operational current in DC | | | |
| DC21A | | | |
| | 48V | Α | 16 |
| | 60V | А | 16 |
| | 110V | А | 4 |
| | 220V | А | 0.6 |
| | 440V | А | 0.25 |
| DC23A (poles in series) | | | |
| u i | 24V | А | 16 (1) |
| | 48V | А | 16 (2) |
| | 60V | А | 16 (3) |
| | 110V | А | 10 (3) |
| | 220V | А | 7 (4) |
| DC13 | | | () |
| | 24V | А | 16 |
| | 48V | A | 14 |
| | 40V 60V | A | 10 |
| | 110V | A | 1 |
| | 220V | A | 0.4 |
| | 440V | A | 0.4 |
| Power dissipation | 440 V | Ŵ | 0.6 |
| Mechanical features | | VV | 0.8 |
| Terminals screw | | | 3M |
| | | Nime | |
| Tightening torque for terminals max | | Nm | 0.5 |
| Conductor size | | | |
| AWG - Rigid cable | | | |
| | min | AWG | 20 |
| | Max | AWG | 12 |
| AWG - Flexible cable | | | |
| | min | AWG | 20 |
| | Max | AWG | 12 |
| Conductor size (IEC) - Flexible cable | | | |
| | min | mm² | 0.5 |
| | Max | mm² | 2.5 |
| Conductor size (IEC) - Rigid cable | | | |
| | min | mm² | 0.5 |
| | Max | mm² | 2.5 |
| Mechanical life | | cycles | 1X10 ⁶ |
| UL technical data | | , | |
| Motor power for direct-on-line control | | | |
| for three-phase motor | | | |
| | 120V | HP | 1.5 |
| | 240V | HP | 3 |
| | 480V | HP | 5 |
| | 400V 600V | HP | 5 |
| for single-phase motor | 0001 | 1.11. | 5 |
| ior single-phase motor | 120V | HP | 0.75 |
| | 120V 240V | HP | |
| Ambient conditions | 240V | пр | 1 |
| Ambient conditions | | | |
| Temperature | | | |
| Operating temperature | <u>-</u> | ^ ~ | <u></u> |
| | min | °C | -25 |
| | max | °C | +55 |

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



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| | Storage temperature | | | |
|------------------------------------|--------------------------------|-----|----|--|
| | | min | °C | -40 |
| | | max | °C | +70 |
| Resistance & Prote | ction | | | |
| Frontal IP degree | | | | IP65 |
| Terminals IP degree | 9 | | | IP20 |
| Dimensions | | | | |
| Wiring diagrams | | | | |
| | 3 9 12 13 16 17 | | | |
| 0 1 2 X 3 108 12 | x x x x x x 24 136 | | | |
| Certifications and co | ompliance | | | |
| Compliance | | | | |
| | <u>CSA C22.2 n° 14</u> | | | |
| | IEC/EN/BS 60947-1 | | | |
| | IEC/EN/BS 60947-3 | | | |
| | IEC/EN/BS 60947-5-1 | | | |
| | IEC/EN/BS 61058-1 | | | |
| | UL60947-4-1 | | | |
| Certificates | | | | |
| | cULus | | | |
| | EAC | | | |
| ETIM classification | | | | |
| ETIM 8.0 | | | | EC001029 - Selector switch, complete |
| | | | | |