

GX16136U ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

| Product designation | | | Rotary cam switches |
|--|--------------|--------|--|
| Product type designation | | | GX16 |
| General characteristics | | | |
| Switching diagram | | | 136 - Multi-step 0-1-2-3 3 poles |
| N° of elements | | | 5 |
| Mounting form | | | U - Front mounting with black handle |
| Contact characteristics | | | |
| Rated insulation voltage Ui | | | |
| | IEC/EN | V | 690 |
| | UL/CSA | V | 600 |
| Rated impulse withstand voltage Uimp | | kV | 6 |
| Conventional free air thermal current Ith | | | |
| | IEC/EN | А | 16 |
| | UL/CSA | A | 12 |
| Rated operational voltage | | V | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | 10 |
| | 10kA 15kA | A | 16 |
| | 25kA | A A | 16 16 |
| Rated short time current Icw | ZJKA | ~ | 10 |
| | 1s | kA | 250 |
| Conductivity | 15 | NA. | 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | | |
| | | А | 16 |
| AC15 | | | |
| | 110V | А | 10 |
| | 220/230V | А | 8 |
| | 380/400V | А | 4 |
| | 660/690V | A | 1.5 |
| Rated operational power in AC | | | |
| Three-phase AC-3 | | | |
| | 220/230V | kW | 3.5 |
| | 380/440V | kW | 4.5 |
| Single-phase AC-3 | 500/690V | kW | 5.5 |
| Single-phase AC-S | 110V | kW | 0.55 |
| | 220/230V | kW | 1.5 |
| | 380/440V | kW | 2.2 |
| Three-phase AC23A | 000,1101 | | |
| | 220/230V | kW | 3.7 |
| | 380/440V | kW | 6.5 |
| | 500/690V | kW | 7.5 |
| Single-phase AC23A | | | |
| | 110V | kW | 0.75 |
| | 220/230V | kW | 1.8 |
| Pated operational current in DC | 380/440V | kW | 3 |

Rated operational current in DC

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| | D0044 | | | |
|-----------------------------------|---|---------------------|----------------|-------------------|
| | DC21A | 401/ | ^ | 40 |
| | | 48V 60V | A | 16 16 |
| | | 110V | A A | 4 |
| | | 220V | A | 4 0.6 |
| | | 220V 440V | A | 0.25 |
| | DC23A (poles in series) | 1101 | 7. | 0.20 |
| | | 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 | Α | 14 |
| | | 60V | А | 10 |
| | | 110V | А | 1 |
| | | 220V | А | 0.4 |
| | | 440V | А | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | |
| Terminals screw | | | | 3M |
| Tightening torque for te | erminals 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 | ing line | | 0.5 |
| | | min Max | mm² mm² | 0.5 2.5 |
| | Conductor size (IEC) - Rigid cable | IVIAX | | 2.0 |
| | Conductor size (IEC) - Rigid Cable | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | Ινίαλ | cycles | 1X10 ⁶ |
| UL technical data | | | 0y0ic3 | |
| Motor power for direct- | on-line control | | | |
| | for three-phase motor | | | |
| | , | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | | | | |
| | for single-phase motor | | | |
| | for single-phase motor | 120V | HP | 0.75 |
| | for single-phase motor | | | |
| Ambient conditions | for single-phase motor | 120V | HP | 0.75 |
| Ambient conditions Temperature | | 120V | HP | 0.75 |
| | for single-phase motor Operating temperature | 120V 240V | HP HP | 0.75 1 |
| | | 120V 240V min | HP HP °C | 0.75 1 -25 |
| | Operating temperature | 120V 240V | HP HP | 0.75 1 |
| | | 120V 240V min | HP HP °C | 0.75 1 -25 |

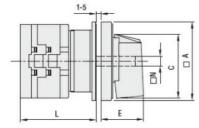
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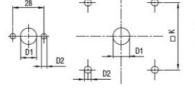
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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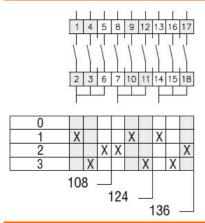




Drillings for 4 screws fixing (4V version).

| Carias | Dimensions | | | | | | | L Number of elements | | | | | | | | | | | |
|--------|------------|------|-----|-----|------|----|----|----------------------|------|----|------|----|------|-----|-------|-----|-------|-----|-------|
| Series | □A | С | ØD1 | ØD2 | E | □K | ۵N | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| GX16 | 48 | 39.5 | 12 | 5 | 26.5 | 36 | 6 | 43 | 51.5 | 60 | 68.5 | 77 | 85.5 | 94 | 102.5 | 111 | 119.5 | 128 | 136.5 |
| GX20 | 48 | 39.5 | 12 | 5 | 26.5 | 36 | 6 | 43 | 51.5 | 60 | 68.5 | 77 | 85.5 | 94 | 102.5 | 111 | 119.5 | 128 | 136.5 |
| GX32 | 65 | 53 | 14 | 5 | 34.5 | 48 | 7 | 51 | 63 | 75 | 85 | 99 | 111 | 123 | 135 | 147 | 159 | 171 | 183 |
| GX40 | 65 | 53 | 14 | 5 | 34.5 | 48 | 7 | 51 | 63 | 75 | 85 | 99 | 111 | 123 | 135 | 147 | 159 | 171 | 183 |

Wiring diagrams



Certifications and compliance

Compliance

| · | CSA C22.2 n° 14 | |
|---------------------|---------------------|--|
| | 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 |

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