

GX1610U12 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 16A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING



| Product designation | | | Rotary cam switches |
|--|----------|--------|---|
| Product type designation | | | GX16 |
| General characteristics | | | GXTU |
| | | | 10 - ON/OFF |
| Switching diagram | | | switch 3 poles |
| N° of elements | | | 2 |
| Mounting form | | | U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing |
| Contact characteristics | | | |
| Rated insulation voltage Ui | IEC/EN | V | 690 |
| | UL/CSA | V V | 600 |
| Rated impulse withstand voltage Uimp | 01/00/ | kV | 6 |
| Conventional free air thermal current Ith | | | 0 |
| | IEC/EN | А | 16 |
| | UL/CSA | А | 12 |
| Rated operational voltage | | V | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | |
| | 10kA | А | 16 |
| | 15kA | А | 16 |
| | 25kA | A | 16 |
| Rated short time current Icw | 4 - | 1. 4 | 050 |
| Conductivity | 1s | kA | 250 |
| Conductivity Operational current le IEC/EN | | | 10/5 mA/V |
| AC1/AC21A | | | |
| ACT/ACZTA | | А | 16 |
| AC15 | | | 10 |
| | 110V | А | 10 |
| | 220/230V | А | 8 |
| | 380/400V | А | 4 |
| | 660/690V | А | 1.5 |
| Rated operational power in AC | | | |
| Three-phase AC-3 | | | |
| | 220/230V | kW | 3.5 |
| | 380/440V | kW | 4.5 |
| | 500/690V | kW | 5.5 |
| Single-phase AC-3 | 44014 | 1.1.47 | 0.55 |
| | 110V | kW | 0.55 |
| | 220/230V | kW | 1.5 |

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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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| | | 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 | 000/0001 | i con | 1.0 |
| | Single-phase A023A | 110V | | 0.75 |
| | | | kW | 0.75 |
| | | 220/230V | kW | 1.8 |
| | | 380/440V | kW | 3 |
| Rated operational cur | rent in DC | | | |
| | DC21A | | | |
| | | 48V | А | 16 |
| | | 60V | А | 16 |
| | | 110V | A | 4 |
| | | 220V | A | 0.6 |
| | | | | |
| | | 440V | Α | 0.25 |
| | DC23A (poles in series) | | | |
| | | 24V | A | 16 (1) |
| | | 48V | А | 16 (2) |
| | | 60V | А | 16 (3) |
| | | 110V | А | 10 (3) |
| | | 220V | A | 7 (4) |
| | DC13 | 2201 | 7 | r (+) |
| | DC13 | 0.417 | ^ | 4.0 |
| | | 24V | A | 16 |
| | | 48V | A | 14 |
| | | 60V | Α | 10 |
| | | 110V | Α | 1 |
| | | 220V | А | 0.4 |
| | | 440V | А | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | 0.0 |
| Terminals screw | | | | 3M |
| | terminale may | | Nimo | |
| 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) Elevible coble | IVICA | ANO | 12 |
| | Conductor size (IEC) - Flexible cable | . • | | 0.5 |
| | | 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 direc | t-on-line control | | | |
| motor power for direc | | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | | | | |

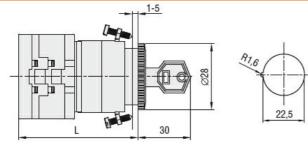
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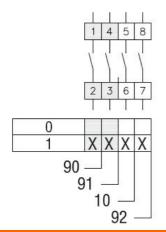
| | for single-phase motor | | | |
|---------------------|------------------------|------|----|------|
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | max | °C | +70 |
| Resistance & Protec | tion | | | |
| Frontal IP degree | | | | IP65 |
| Terminals IP degree | | | | IP20 |
| Dimensione | | | | |





| Series | L | | | |
|--------|----|------|----|-------|
| Series | 1 | 2 | 3. | 8 |
| GX16 | 54 | 62.5 | 71 | 113.4 |
| GX20 | 54 | 62.5 | 71 | 113.4 |

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

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ENERGY AND AUTOMATION

GX1610U12 electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 16A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

cULus EAC ETIM classification EC001105 - Off-**ETIM 8.0** load switch

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