



| Product designation | | | Rotary cam |
|--|----------------------|---------|---|
| - | | | switches |
| Product type designation | | | GX16 |
| General characteristics | | | 10 - ON/OFF |
| Switching diagram | | | switch 3 poles |
| N° of elements | | | 2 |
| | | | U11 - Front |
| | | | mounting with |
| Mounting form | | | black handle |
| | | | without front plate for hole diam. |
| | | | 22mm fixing |
| Contact characteristics | | | , in the second s |
| 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 | A | 16 |
| Deted energianel veltere | UL/CSA | A | 12 |
| Rated operational voltage Rated operational impulse voltage | | V kV | 440 |
| Maximum fuse size for short-circuit protection In (gG) | | ĸv | 4 |
| Maximum ruse size for short-circuit protection in (gO) | 10kA | А | 16 |
| | 15kA | A | 16 |
| | 25kA | A | 16 |
| Rated short time current Icw | | | |
| | 1s | А | 250 |
| Conductivity | | | 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | | |
| | | A | 16 |
| AC15 | 4401/ | | 40 |
| | 110V 220/230V | A A | 10 |
| | 220/230V 380/400V | A | 8 4 |
| | 660/690V | A | 4 1.5 |
| Rated operational power in AC | 000,0001 | 7 | 1.0 |
| Three-phase AC-3 | | | |
| • • • | 220/230V | kW | 3.5 |
| | 380/440V | kW | 4.5 |
| | 500/690V | kW | 5.5 |
| Single-phase AC-3 | | | |
| | 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



GX1610U11 electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

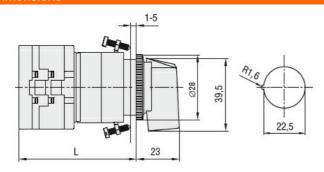
| | | 380/440V | kW | 2.2 |
|--------------------------|---------------------------------------|------------|--------|--------|
| | Three-phase AC23A | | | |
| | | 220/230V | kW | 3.7 |
| | | 380/440V | kW | 6.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | | | |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 1.8 |
| | | | | |
| Deterlar sector also | | 380/440V | kW | 3 |
| Rated operational curre | | | | |
| | DC21A | | | |
| | | 48V | Α | 16 |
| | | 60V | А | 16 |
| | | 110V | А | 4 |
| | | 220V | А | 0.6 |
| | | 440V | A | 0.25 |
| | DC23A (poles in series) | 1100 | | |
| | DOZON (POIES III SEIIES) | 24V | ۸ | 16 (1) |
| | | | A | 16 (1) |
| | | 48V | A | 16 (2) |
| | | 60V | A | 16 (3) |
| | | 110V | Α | 10 (3) |
| | | 220V | А | 7 (4) |
| | DC13 | | | |
| | | 24V | А | 16 |
| | | 48V | A | 14 |
| | | 40V 60V | A | 10 |
| | | 110V | | |
| | | | A | 1 |
| | | 220V | Α | 0.4 |
| | | 440V | A | 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 |
| | AWC Elevible ashla | IVIdX | ANG | 12 |
| | AWG - Flexible cable | | A14/0 | 00 |
| | | 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 | | IVIDA | | |
| | | | cycles | 1X10⁰ |
| UL technical data | | | | |
| Motor power for direct- | | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | | 0001 | | - |

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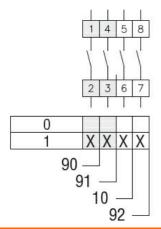
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| | for single-phase motor | | | |
|----------------------|------------------------|------|----|------|
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min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



| Series | L | | | | |
|--------|----|------|----|-------|--|
| | 1 | 2 | 3. | 8 | |
| GX16 | 54 | 62.5 | 71 | 147.5 | |
| GX20 | 54 | 62.5 | 71 | 147.5 | |

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 | |

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ENERGY AND AUTOMATION

GX1610U11 electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

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