

GX1652U12 ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 2 POLES 16A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

| Draduat designation | | | Rotary cam |
|--|------------------|----------|-----------------------------------|
| Product designation | | | switches |
| Product type designation General characteristics | | | GX16 |
| | | | 52 - Changeover |
| Switching diagram | | | switch 2 poles |
| N° of elements | | | 2 |
| | | | U12 - Front mounting without |
| Mounting form | | | front plate with |
| | | | key operation for hole diam. 22mm |
| | | | fixing |
| Contact characteristics | | | 5 |
| 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 |
| Dated energtional voltage | UL/CSA | A V | <u>12</u> 440 |
| Rated operational voltage Rated operational impulse voltage | | kV | 440 |
| Maximum fuse size for short-circuit protection In (gG) | | ΓV | 4 |
| Maximum ruse size for short circuit protection in (go) | 10kA | А | 16 |
| | 15kA | A | 16 |
| | 25kA | А | 16 |
| Rated short time current Icw | | | |
| | 1s | kA | 250 |
| Conductivity | | | 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | | 4.0 |
| 1015 | | A | 16 |
| AC15 | 110V | А | 10 |
| | 220/230V | A | 8 |
| | 380/400V | A | 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 |
| | 500/690V | kW | 5.5 |
| Single-phase AC-3 | 440)/ | 1.3.47 | 0.55 |
| | 110V 220/230V | kW kW | 0.55 1.5 |
| | 380/440V | kW | 2.2 |
| Three-phase AC23A | 300/440 V | K V V | 2.2 |
| | 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 |

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electric ENERGY AND AUTOMATION

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| | | 380/440V | kW | 3 |
|-------------------------|---------------------------------------|--------------|--------|-------------------|
| Rated operational curr | rent in DC | | | |
| | DC21A | | | |
| | | 48V | Α | 16 |
| | | 60V | A | 16 |
| | | 110V | A | 4 |
| | | 220V | A | 0.6 |
| | | 440V | A | 0.25 |
| | DC23A (poles in series) | 2 4 4 | | |
| | | 24V | A | 16 (1) |
| | | 48V | A | 16 (2) |
| | | 60V | A | 16 (3) |
| | | 110V | A | 10 (3) |
| | DC12 | 220V | A | 7 (4) |
| | DC13 | 241/ | ۸ | 16 |
| | | 24V 48V | A A | 16 14 |
| | | 48 v 60 V | A | 14 |
| | | 110V | A | 1 |
| | | 220V | A | 0.4 |
| | | 440V | A | 0.4 |
| Power dissipation | | 0044 | W | 0.6 |
| Mechanical features | | | vv | 0.0 |
| Terminals screw | | | | 3M |
| Tightening torque for t | erminals max | | Nm | 0.5 |
| Conductor size | | | | 0.0 |
| | 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 | | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | for single-phase motor | | | |
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |

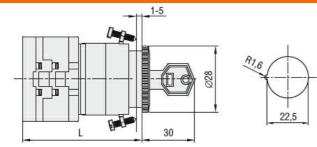
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



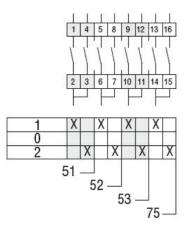
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| Storage temperature | | | | |
|-------------------------|-----|----|------|--|
| | min | °C | -40 | |
| | max | °C | +70 | |
| Resistance & Protection | | | | |
| Frontal IP degree | | | IP65 | |
| Terminals IP degree | | | IP20 | |
| Dimensions | | | | |



| Series | L | | | |
|--------|----|------|----|-------|
| | 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 | | |
| | cULus | |
| | EAC | |
| ETIM classificatio | n | |
| ETIM 8.0 | | EC001029 - Selector switch, complete |

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