

GX1686U47 ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 2 POLES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

| 5 1 1 1 1 1 | | | | Rotary cam |
|---|------------------------------------|--------------|----------|------------------------------------|
| Product designation | | | | switches |
| Product type designat General characteristic | | | | GX16 |
| Switching diagram | 5 | | | 86 - Multi-step 1- |
| | | | | 2-3 2 poles |
| N° of elements | | | | 3 |
| | | | | U47 - Snap on |
| Mounting form | | | | fron mounting with black handle |
| Mounting form | | | | for hole diam. |
| | | | | 22mm finxing |
| Contact characteristics | S | | | |
| Rated insulation voltage | ge Ui | | | |
| | | IEC/EN | V | 690 |
| | | UL/CSA | V | 600 |
| Rated impulse withsta | | | kV | 6 |
| Conventional free air t | hermal current Ith | | | |
| | | IEC/EN | A | 16 |
| | | UL/CSA | <u>A</u> | 12 |
| Rated operational volt | | | <u>V</u> | 440 |
| Rated operational imp | - | | kV | 4 |
| Maximum fuse size to | r short-circuit protection In (gG) | | ۸ | 4.0 |
| | | 10kA 15kA | A A | 16 16 |
| | | 25kA | A | 16 |
| Rated short time curre | ent Icw | 20101 | | 10 |
| | | 1s | kA | 250 |
| Conductivity | | | | 10/5 mA/V |
| Operational current le | IEC/EN | | | |
| | AC1/AC21A | | | |
| | | | Α | 16 |
| | AC15 | | | |
| | | 110V | А | 10 |
| | | 220/230V | А | 8 |
| | | 380/400V | A | 4 |
| Deted energianal new | | 660/690V | A | 1.5 |
| Rated operational pow | | | | |
| | 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 |
| | | 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 | | | o 7 5 |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 1.8 |
| | | 380/440V | kW | 3 |

GX1686U47

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



ENERGY AND AUTOMATION

| Rated operational c | | | | |
|----------------------|---------------------------------------|-------------|--------|-------------------|
| | DC21A | 40)/ | ^ | 40 |
| | | 48V 60V | A | 16 |
| | | 60V 110V | A | 16 4 |
| | | | A | |
| | | 220V | A | 0.6 |
| | | 440V | Α | 0.25 |
| | DC23A (poles in series) | 0.01/ | | 40 (4) |
| | | 24V | A | 16 (1) |
| | | 48V | A | 16 (2) |
| | | 60V | A | 16 (3) |
| | | 110V | A | 10 (3) |
| | | 220V | A | 7 (4) |
| | DC13 | | | |
| | | 24V | A | 16 |
| | | 48V | A | 14 |
| | | 60V | A | 10 |
| | | 110V | А | 1 |
| | | 220V | А | 0.4 |
| | | 440V | Α | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | 6 | | | |
| Terminals screw | | | | 3M |
| Fightening torque fo | or 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 | Max | | 2.0 |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | ινιαλ | cycles | 1X10 ⁶ |
| JL technical data | | | Cycles | |
| Motor power for dire | ect-on-line control | | | |
| | for three-phase motor | | | |
| | | 4001/ | ЦΡ | 1 5 |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | for single share set to | 600V | HP | 5 |
| | for single-phase motor | | | 0.75 |
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Femperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |

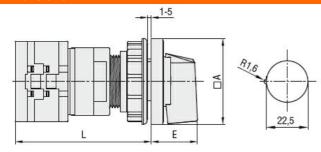
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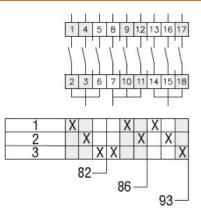
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| | min | °C | -40 |
|-------------------------|-----|----|------|
| | max | °C | +70 |
| Resistance & Protection | | | |
| Frontal IP degree | | | IP65 |
| Terminals IP degree | | | IP20 |
| Dimensions | | | |



| Carias | Dimensions | | | L | | | |
|--------|------------|------|------|------|------|-------|--|
| Series | □A | E | 1 | 2 | 3 | 8 | |
| GX16 | 48 | 26.5 | 64.9 | 73.4 | 81.9 | 124.4 | |
| GX20 | 48 | 26.5 | 64.9 | 73.4 | 81.9 | 124.4 | |

Wiring diagrams



Certifications and compliance

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 |

complete