

GX2082U47 ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

| Des dust de sign stiss | | | | ^a Rotary cam |
|-------------------------------|---------------|----------------------|----------|------------------------------------|
| Product designation | | | | switches |
| Product type designation | | | | GX20 |
| General characteristics | | | | 82 - Multi-step 1- |
| Switching diagram | | | | 2-3 1 pole |
| N° of elements | | | | 2 |
| | | | | U47 - Snap on |
| Mounting form | | | | fron mounting with black handle |
| Mounting form | | | | for hole diam. |
| | | | | 22mm finxing |
| Contact characteristics | | | | |
| Rated insulation voltage Ui | | | | |
| | | IEC/EN | V | 690 |
| | | UL/CSA | V | 600 |
| Rated impulse withstand volta | | | kV | 6 |
| Conventional free air thermal | current ith | IEC/EN | А | 20 |
| | | UL/CSA | A | 15 |
| Rated operational voltage | | 06/06/ | V | 440 |
| Rated operational impulse vo | Itage | | kV | 4 |
| Maximum fuse size for short- | - | | | |
| | | 10kA | А | 20 |
| | | 15kA | А | 20 |
| | | 25kA | Α | 20 |
| Rated short time current Icw | | | | |
| | | 1s | A | 250 |
| Conductivity | 1 | | | 10/5 mA/V |
| Operational current le IEC/EN | N AC21A | | | |
| ACI | ACZTA | | А | 20 |
| AC1 | 5 | | Λ | 20 |
| | - | 110V | А | 10 |
| | | 220/230V | А | 8 |
| | | 380/400V | А | 6 |
| | | 660/690V | Α | 1.5 |
| Rated operational power in A | | | | |
| Three | e-phase AC-3 | | | |
| | | 220/230V | kW | 3.7 |
| | | 380/440V 500/690V | kW kW | 5.5 5.5 |
| Singl | e-phase AC-3 | 300/030 v | KVV | 0.0 |
| Sing. | | 110V | kW | 0.75 |
| | | 220/230V | kW | 1.8 |
| | | 380/440V | kW | 3 |
| Three | e-phase AC23A | | | |
| | | 220/230V | kW | 4 |
| | | 380/440V | kW | 7.5 |
| 0.1 | | 500/690V | kW | 7.5 |
| Singl | e-phase AC23A | 110V | kW | 0.75 |
| | | 220/230V | kw | 2.2 |
| | | 220/230 V | IX V V | <i>L</i> . <i>L</i> |

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| | | 380/440V | kW | 3.5 |
|--------------------------|---------------------------------------|----------|----------|-------------------|
| Rated operational curre | ent in DC | | | |
| - | DC21A | | | |
| | | 48V | А | 20 |
| | | 60V | А | 20 |
| | | 110V | А | 4 |
| | | 220V | А | 0.6 |
| | | 440V | А | 0.25 |
| | DC23A (poles in series) | | | |
| | | 24V | А | 20 (1) |
| | | 48V | А | 20 (2) |
| | | 60V | А | 20 (3) |
| | | 110V | А | 10 (3) |
| | | 220V | A | 8 (4) |
| | DC13 | | - | |
| | | 24V | A | 20 |
| | | 48V | A | 16 |
| | | 60V | А | 12 |
| | | 110V | A | 1 |
| | | 220V | А | 0.4 |
| | | 440V | A | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | |
| Terminals screw | | | | M3 |
| Tightening torque for te | erminals max | | Nm | 0.8 |
| 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 | <u>.</u> | 2 | a = |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | | cycles | 1X10 ⁶ |
| UL technical data | | | | |
| Motor power for direct- | | | | |
| | for three-phase motor | 1001 | | 4 5 |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | for single all second states | 600V | HP | 5 |
| | for single-phase motor | 1001 | | 0.75 |
| | | 120V | HP | 0.75 |
| Amplicant conditions | | 240V | HP | 1.5 |
| Ambient conditions | | | | |
| Temperature | On exerting terms exerting | | | |
| | Operating temperature | • | • | 25 |
| | | min | °C °C | -25 |
| | | max | °C | +55 |

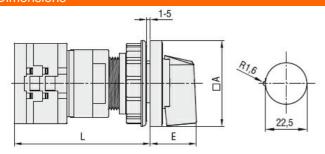
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



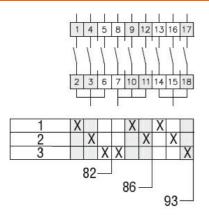
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| Storage temperature | | | |
|-------------------------|-----|----|------|
| | min | °C | -40 |
| | max | °C | +70 |
| Resistance & Protection | | | |
| Frontal IP degree | | | IP65 |
| Terminals IP degree | | | IP20 |
| Dimensions | | | |



| 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

| Compl | liance |
|-------|--------|
| Comp | nanoo |

| 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 | | |
| | | EC001029 - |
| ETIM 8.0 | | Selector switch, |

complete

E

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