

ROTARY CAM SWITCH GX SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 120A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



| Duadinat danimatina | | | | Rotary cam |
|--------------------------|----------------------------------|----------|----|--------------------------------|
| Product designation | | | | switches |
| Product type designation | | | | GX20 |
| General characteristics | | | | 03 - ON/OFF |
| Switching diagram | | | | spring return |
| Owitoring diagram | | | | switch 3 poles |
| N° of elements | | | | 2 |
| | | | | U47 - Snap on |
| | | | | fron mounting |
| Mounting form | | | | with black handle |
| | | | | for hole diam. 22mm finxing |
| Contact characteristics | | | | 22mm mixing |
| Rated insulation voltag | | | | |
| rtatoa modiation voitag | 3 31 | IEC/EN | V | 690 |
| | | UL/CSA | V | 600 |
| Rated impulse withstar | nd voltage Uimp | | kV | 6 |
| Conventional free air th | | | | |
| | | IEC/EN | Α | 20 |
| | | UL/CSA | Α | 15 |
| Rated operational volta | age | | V | 440 |
| Rated operational impu | | | kV | 4 |
| Maximum fuse size for | short-circuit protection In (gG) | | | |
| | | 10kA | Α | 20 |
| | | 15kA | Α | 20 |
| | | 25kA | Α | 20 |
| Rated short time curre | nt Icw | 4 | • | 050 |
| O a sa alice attack in | | 1s | A | 250 |
| Conductivity | IFC/FN | | | 10/5 mA/V |
| Operational current le | AC1/AC21A | | | |
| | ACT/ACZTA | | Α | 20 |
| | AC15 | | | 20 |
| | A010 | 110V | Α | 10 |
| | | 220/230V | Α | 8 |
| | | 380/400V | Α | 6 |
| | | 660/690V | Α | 1.5 |
| Rated operational pow | er in AC | | | |
| | Three-phase AC-3 | | | |
| | | 220/230V | kW | 3.7 |
| | | 380/440V | kW | 5.5 |
| | · | 500/690V | kW | 5.5 |
| | Single-phase AC-3 | | | 0.75 |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 1.8 |



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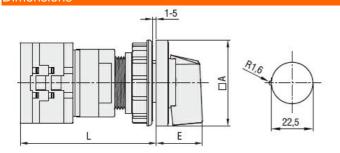
| | | 380/440V | kW | 3 |
|--------------------------|---------------------------------------|--------------|---------------|--------------------------------------|
| | Three-phase AC23A | | | |
| | • | 220/230V | kW | 4 |
| | | 380/440V | kW | 7.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | 300/030 V | IX V V | 7.5 |
| | Single-phase AC23A | 440\/ | 1.3.47 | 0.75 |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 2.2 |
| | | 380/440V | kW | 3.5 |
| Rated operational curre | ent in DC | | | |
| | DC21A | | | |
| | | 48V | Α | 20 |
| | | 60V | Α | 20 |
| | | 110V | Α | 4 |
| | | 220V | A | 0.6 |
| | | | | |
| | | 440V | Α | 0.25 |
| | DC23A (poles in series) | | _ | (1) |
| | | 24V | Α | 20 (1) |
| | | 48V | Α | 20 (2) |
| | | 60V | Α | 20 (3) |
| | | 110V | Α | 10 (3) |
| | | 220V | Α | 8 (4) |
| | DC13 | | | - (') |
| | 5010 | 24V | Α | 20 |
| | | | | |
| | | 48V | A | 16 |
| | | 60V | Α | 12 |
| | | 110V | Α | 1 |
| | | 220V | Α | 0.4 |
| | | 440V | Α | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | |
| Terminals screw | | | | M3 |
| Tightening torque for te | arminals may | | Nm | 0.8 |
| Conductor size | Timinalo max | | 14111 | 0.0 |
| Conductor Size | AVAIC Divid calls | | | |
| | 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 | IVICA | | |
| | | | | |
| | Conductor size (IEC) - Rigid cable | ! | na :== ? | 0.5 |
| | Conductor Size (IEC) - Rigid Cable | min | mm² | 0.5 |
| | Conductor size (IEC) - Rigid cable | min Max | mm² | 2.5 |
| Mechanical life | Conductor size (IEC) - Rigid cable | | | |
| UL technical data | | | mm² | 2.5 |
| | | | mm² | 2.5 |
| UL technical data | | | mm² | 2.5 |
| UL technical data | on-line control | Max | mm² cycles | 2.5 1X10 ⁶ |
| UL technical data | on-line control | Max 120V | mm² cycles | 2.5 1X10 ⁶ |
| UL technical data | on-line control | 120V 240V | mm² cycles HP | 2.5 1X10 ⁶ 1.5 3 |
| UL technical data | on-line control | Max 120V | mm² cycles | 2.5 1X10 ⁶ |



ENERGY AND AUTOMATION

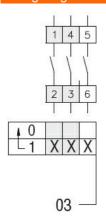
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| | for single-phase motor | | | _ |
|-----------------------|------------------------|------|----|------|
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1.5 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | max | °C | +70 |
| Resistance & Protecti | on | | | |
| Frontal IP degree | | | | IP65 |
| Terminals IP degree | | | | IP20 |
| Dr. Committee | | | | |



| Series | Dimensions | | L | | | |
|--------|------------|------|------|------|------|-------|
| | □A | Е | 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

| CSA C22.2 n° 14 |
|--------------------|
| EC/EN/BS 60947-1 |
| EC/EN/BS 60947-3 |
| EC/EN/BS 60947-5-1 |
| EC/EN/BS 61058-1 |
| JL60947-4-1 |

Certificates



GX2003U47

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| cULus |
|-------|
| EAC |

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete