GX2003U11



ROTARY CAM SWITCH GX SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

| Product designation | | Rotary cam switches |
|--|----------|--|
| Product type designation | | GX20 |
| General characteristics | | |
| Switching diagram | | 03 - ON/OFF spring return switch 3 poles |
| N° of elements | | 2 |
| Mounting form | | U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing |
| Contact characteristics | | |
| Rated insulation voltage Ui IEC/EN UL/CSA | | 690 600 |
| Rated impulse withstand voltage Uimp | kV | 6 |
| Conventional free air thermal current Ith | | |
| IEC/EN | | 20 |
| UL/CSA Rated operational voltage | <u> </u> | 15 440 |
| Rated operational impulse voltage | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | |
| 10kA 15kA 25kA | A | 20 20 20 |
| Rated short time current Icw | | |
| 1s | A | 250 |
| Conductivity | | 10/5 mA/V |
| Operational current le IEC/EN AC1/AC21A | | |
| | А | 20 |
| AC15 110V | A | 10 |
| 220/230V | | 8 |
| 380/400 | | 6 |
| Rated operational power in AC | Α | 1.5 |
| Three-phase AC-3 | | |
| 220/230V | | 3.7 |
| 380/440 | | 5.5 |
| 500/690V Single-phase AC-3 | kW | 5.5 |
| Single-phase AC-3 110V | kW | 0.75 |

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| | | 220/230V | kW | 1.8 |
|-------------------------|---------------------------------------|-----------|-----------|-------------------|
| | | 380/440V | kW | 3 |
| | Three-phase AC23A | | | |
| | · | 220/230V | kW | 4 |
| | | 380/440V | kW | 7.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | 000,0001 | | 110 |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 2.2 |
| | | 380/440V | kW | 3.5 |
| Rated operational cur | roat in DC | 300/440 V | K V V | 3.0 |
| Raleu operational cui | DC21A | | | |
| | DCZTA | 40\/ | ٨ | 20 |
| | | 48V | A | 20 |
| | | 60V | A | 20 |
| | | 110V | A | 4 |
| | | 220V | А | 0.6 |
| | | 440V | A | 0.25 |
| | DC23A (poles in series) | | | |
| | | 24V | А | 20 (1) |
| | | 48V | А | 20 (2) |
| | | 60V | А | 20 (3) |
| | | 110V | А | 10 (3) |
| | | 220V | А | 8 (4) |
| | DC13 | | | |
| | | 24V | А | 20 |
| | | 48V | А | 16 |
| | | 60V | А | 12 |
| | | 110V | А | 1 |
| | | 220V | А | 0.4 |
| | | 440V | A | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | 0.0 |
| Terminals screw | | | | M3 |
| Tightening torque for t | terminals may | | Nm | 0.8 |
| Conductor size | | | | 0.0 |
| Conductor size | | | | |
| | AWG - Rigid cable | | A \ A / O | 20 |
| | | 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 | t-on-line control | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | | | ~ |

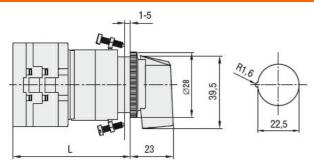
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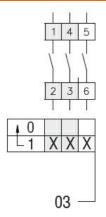
| | | 600V | HP | 5 |
|----------------------|------------------------|------|----|------|
| | for single-phase motor | | | |
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1.5 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | max | °C | +70 |
| Resistance & Protect | on | | | |
| Frontal IP degree | | | | IP65 |
| Terminals IP degree | | | | IP20 |
| | | | | |

Dimensions



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

Wiring diagrams



Certifications and 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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Compliance

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ENERGY AND AUTOMATION

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| Certificates | | |
|---------------------|-------|------------|
| | cULus | |
| | EAC | |
| ETIM classification | | |
| | | EC001029 - |

ETIM 8.0

EC001029 -Selector switch, complete