

GX2098O ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

| Product designation | | | Rotary cam |
|--|-----------|---------|-------------------------------|
| - | | | switches GX20 |
| Product type designation General characteristics | | | GX20 |
| Switching diagram | | | 98 - Ammeter switch |
| N° of elements | | | 3 |
| | | | O - Rear |
| Mounting form | | | mounting with black handle |
| Contact characteristics | | | Black Hallalo |
| 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 | А | 20 |
| | UL/CSA | А | 15 |
| Rated operational voltage | | V | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | |
| | 10kA | А | 20 |
| | 15kA | А | 20 |
| | 25kA | А | 20 |
| Rated short time current Icw | | | |
| | 1s | kA | 250 |
| Conductivity | | | 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | | |
| | | Α | 20 |
| AC15 | | | |
| | 110V | А | 10 |
| | 220/230V | А | 8 |
| | 380/400V | А | 6 |
| | 660/690V | А | 1.5 |
| Rated operational power 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 | | | |
| | 110V | kW | 0.75 |
| | 220/230V | kW | 1.8 |
| | 380/440V | kW | 3 |
| Three-phase AC23A | 000/0001/ | | 4 |
| | 220/230V | kW | 4 |
| | 380/440V | kW | 7.5 |
| | 500/690V | kW | 7.5 |
| Single-phase AC23A | 44017 | 1.1.4.7 | 0.75 |
| | 110V | kW | 0.75 |
| | 220/230V | kW | 2.2 |
| Rated operational current in DC | 380/440V | kW | 3.5 |

Rated operational current in DC

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electric ENERGY AND AUTOMATION

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| | DC21A | | | |
|--------------------------|---------------------------------------|--------------|--------|----------------|
| | | 48V | А | 20 |
| | | 60V | A | 20 |
| | | 110V | A | 4 |
| | | 220V | A | 0.6 |
| | | 440V | A | 0.25 |
| | DC23A (poles in series) | 440 V | ~ | 0.25 |
| | DOZSA (poles in series) | 24V | ۸ | 20 (1) |
| | | 24 V 48 V | A | 20 (1) |
| | | | A | 20 (2) |
| | | 60V | A | 20 (3) |
| | | 110V | A | 10 (3) |
| | | 220V | A | 8 (4) |
| | DC13 | | | |
| | | 24V | A | 20 |
| | | 48V | А | 16 |
| | | 60V | А | 12 |
| | | 110V | А | 1 |
| | | 220V | А | 0.4 |
| | | 440V | А | 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 | | | |
| | AWG Rigid cable | min | AWG | 20 |
| | | Max | AWG | 12 |
| | AWG - Flexible cable | IVIAA | ANO | 12 |
| | AWG - Flexible cable | min | AWG | 20 |
| | | min | | 20 |
| | | Max | AWG | 12 |
| | Conductor size (IEC) - Flexible cable | | 2 | ~ - |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| | Conductor size (IEC) - Rigid cable | | | |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | | cycles | 1X10⁵ |
| UL technical data | | | | |
| Motor power for direct- | -on-line control | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | for single-phase motor | | | |
| | U | 120V | HP | 0.75 |
| | | 240V | HP | 1.5 |
| Ambient conditions | | | | - |
| Temperature | | | | |
| iompolatalo | Operating temperature | | | |
| | operating temperature | min | °C | -25 |
| | | | °C | -25 +55 |
| | Storage temporature | max | U | +00 |
| | Storage temperature | | °C | 40 |
| | | min | °C | -40 |

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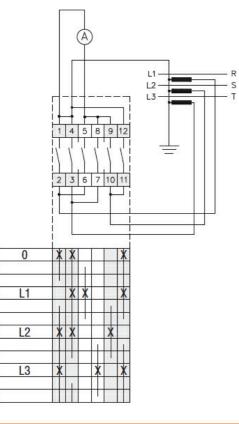
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| | max | °C | +70 |
|-------------------------|-----|----|------|
| Resistance & Protection | | | |
| Frontal IP degree | | | IP65 |
| Terminals IP degree | | | IP20 |
| Dimensions | | | |
| | | | |

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 classification | | | |

ETIM 8.0

EC001029 -Selector switch, complete