

GX2091P ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

| Product designation | | | Enclosed rotary |
|--|------------------|----------|---|
| - | | | cam switch |
| Product type designation General characteristics | | | GX20 |
| | | | 91 - ON/OFF |
| Switching diagram | | | switch 2 poles |
| N° of elements | | | 1 |
| Mounting form | | | P - Plastic enclosure with black handle |
| Contact characteristics | | | |
| 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 | | ٨ | 20 |
| | IEC/EN UL/CSA | A A | 20 15 |
| Rated operational voltage | 0L/03A | X | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | • |
| (3 -) | 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 | | ٨ | 20 |
| AC15 | | A | 20 |
| ACTS | 110V | А | 10 |
| | 220/230V | A | 8 |
| | 380/400V | A | 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 | | 1.147 | 0.75 |
| | 110V | kW | 0.75 |
| | 220/230V | kW kW | 1.8 |
| Three-phase AC23A | 380/440V | kW | 3 |
| Hilde-phase AUZSA | 220/230V | kW | 4 |
| | 380/440V | kW | 7.5 |
| | 500/690V | kW | 7.5 |
| Single-phase AC23A | | | |
| <u> </u> | 110V | kW | 0.75 |
| | 220/230V | kW | 2.2 |
| | 380/440V | kW | 3.5 |

Rated operational current in DC

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electric ENERGY AND AUTOMATION

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| | DC21A | | | |
|-----------------------|---------------------------------------|------------|------------------|--------------------------|
| | | 48V | Α | 20 |
| | | 60V | Α | 20 |
| | | 110V | Α | 4 |
| | | 220V | A | 0.6 |
| | | 440V | Α | 0.25 |
| | DC23A (poles in series) | | | |
| | | 24V | А | 20 (1) |
| | | 48V | А | 20 (2) |
| | | 60V | А | 20 (3) |
| | | 110V | Α | 10 (3) |
| | | 220V | A | 8 (4) |
| | DC13 | | _ | |
| | | 24V | А | 20 |
| | | 48V | Α | 16 |
| | | 60V | A | 12 |
| | | 110V | A | 1 |
| | | 220V | A | 0.4 |
| | | 440V | A | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | Mo |
| Terminals screw | | | | M3 |
| Tightening torque for | terminals max | | Nm | 0.8 |
| Conductor size | | | | |
| | AWG - Rigid cable | | | 00 |
| | | min | AWG | 20 |
| | | Max | AWG | 12 |
| | AWG - Flexible cable | | | 00 |
| | | min | AWG | 20 |
| | | Max | AWG | 12 |
| | Conductor size (IEC) - Flexible cable | min | m m ² | 0.5 |
| | | min | mm² | 0.5 2.5 |
| | Conductor cize (IEC) Digid coble | Max | mm² | 2.5 |
| | Conductor size (IEC) - Rigid cable | min | ma ma 2 | 0.5 |
| | | min Max | mm² mm² | 0.5 |
| Mechanical life | | IVIAX | | 2.5 1X10 ⁶ |
| UL technical data | | | cycles | |
| Motor power for direc | t-on-line control | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | for single-phase motor | 0001 | | - |
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1.5 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | | | |

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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



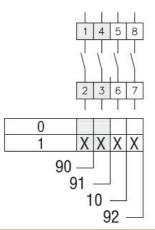
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°C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20 Dimensions C ர் € Ð æ L1 GX16 90x90 1-2 3-5 90 90 79 79 4.5 25 19 30 71.3 98.3 4xPG16 IP65 GX20 1-2 3-5 GX16 4-7 110x110 1-3 GX20 1-3 4-7 110 110 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 IP65

Wiring diagrams

GX32

GX40



1-2

1-2

3-4

3-4

Certifications and compliance

Compliance

| • | IEC/EN/BS 60947-1 |
|--------------|---------------------|
| | IEC/EN/BS 60947-3 |
| | IEC/EN/BS 60947-5-1 |
| | IEC/EN/BS 61058-1 |
| Certificates | |

ETIM classification

EAC

ETIM 8.0

EC001029 -Selector switch, complete

| GX2091P |
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