

ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 2 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

| Product designation | | | Rotary cam switches |
|--|----------------------|----------|--|
| Product type designation | | | GX16 |
| General characteristics | | | |
| Switching diagram | | | 52 - Changeover switch 2 poles |
| N° of elements | | | 2 |
| Mounting form | | | U - Front mounting 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 | IEC/EN | Α | 16 |
| | UL/CSA | A | 12 |
| Rated operational voltage | OLIOOA | V | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | |
| , | 10kA | Α | 16 |
| | 15kA | Α | 16 |
| | 25kA | Α | 16 |
| Rated short time current Icw | | | 0.50 |
| Conductivity | 1s | A | 250 |
| Conductivity Operational current le IEC/EN | | | 10/5 mA/V |
| AC1/AC21A | | | |
| 710 117102171 | | Α | 16 |
| AC15 | | | |
| | 110V | Α | 10 |
| | 220/230V | Α | 8 |
| | 380/400V | Α | 4 |
| Party Language and the control of th | 660/690V | Α | 1.5 |
| Rated operational power in AC | | | |
| Three-phase AC-3 | 220/230V | kW | 3.5 |
| | 380/440V | kW | 4.5 |
| | 500/690V | kW | 5.5 |
| Single-phase AC-3 | | | |
| | 110V | kW | 0.55 |
| | 220/230V | kW | 1.5 |
| | 380/440V | kW | 2.2 |
| Three-phase AC23A | 000/0001 | 1.147 | 2.7 |
| | 220/230V | kW | 3.7 |
| | 380/440V 500/690V | kW kW | 6.5 7.5 |
| Single-phase AC23A | 300/030 V | IVVV | 1.0 |
| Gg.c pass 7.6_57. | 110V | kW | 0.75 |
| | 220/230V | kW | 1.8 |
| | 380/440V | kW | 3 |



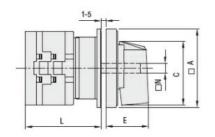
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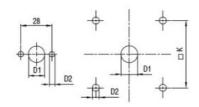
| | D0044 | | | |
|---------------------------------|---------------------------------------|----------------|----------------|-------------------|
| | DC21A | 40\/ | ٨ | 4.0 |
| | | 48V 60V | A | 16 16 |
| | | 110V | A | |
| | | 220V | A | 4 0.6 |
| | | 220 V 440 V | A | 0.25 |
| | DC22A (nales in series) | 440 V | Α | 0.25 |
| | DC23A (poles in series) | 0.417 | ۸ | 40 (4) |
| | | 24V | A | 16 (1) |
| | | 48V | A | 16 (2) |
| | | 60V | A | 16 (3) |
| | | 110V | A | 10 (3) |
| | D040 | 220V | A | 7 (4) |
| | DC13 | 0.41.7 | | 4.0 |
| | | 24V | Α | 16 |
| | | 48V | Α | 14 |
| | | 60V | Α | 10 |
| | | 110V | Α | 1 |
| | | 220V | Α | 0.4 |
| ·- | | 440V | Α | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | |
| Terminals screw | | | | 3M |
| Tightening torque for te | erminals max | | Nm | 0.5 |
| 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 | | | |
| | 7 (120) (120) (120) | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | IVICA | cycles | 1X10 ⁶ |
| UL technical data | | | Cycles | 17/10 |
| Motor power for direct- | on-line control | | | |
| motor power for difect- | for three-phase motor | | | |
| | ioi unee-phase motol | 120V | HP | 1.5 |
| | | 120V 240V | HP | |
| | | 480V | HP | 3 5 |
| | | | | |
| | for simple above water | 600V | HP | 5 |
| | for single-phase motor | 4001/ | UD | 0.75 |
| | | 120V | HP | 0.75 |
| A mala i a mala a malitira mana | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | ^ - | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | | | |

ENERGY AND AUTOMATION

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| | max | °C | +70 |
|--|-----|----|------|
| Resistance & Protection | | | |
| Frontal IP degree | | | IP65 |
| Terminals IP degree | | | IP20 |
| Discount of the control of the contr | | | |

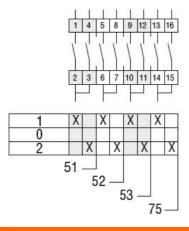




Drillings for 4 screws fixing (4V version).

| Series | Dimensions | | | | | | L Number of elements | | | | | | | | | | | | |
|--------|------------|------|-----|-----|------|----|----------------------|----|------|----|------|----|------|-----|-------|-----|-------|-----|-------|
| | □A | C | ØD1 | ØD2 | Е | □K | □N | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| GX16 | 48 | 39.5 | 12 | 5 | 26.5 | 36 | 6 | 43 | 51.5 | 60 | 68.5 | 77 | 85.5 | 94 | 102.5 | 111 | 119.5 | 128 | 136.5 |
| GX20 | 48 | 39.5 | 12 | 5 | 26.5 | 36 | 6 | 43 | 51.5 | 60 | 68.5 | 77 | 85.5 | 94 | 102.5 | 111 | 119.5 | 128 | 136.5 |
| GX32 | 65 | 53 | 14 | 5 | 34.5 | 48 | 7 | 51 | 63 | 75 | 85 | 99 | 111 | 123 | 135 | 147 | 159 | 171 | 183 |
| GX40 | 65 | 53 | 14 | 5 | 34.5 | 48 | 7 | 51 | 63 | 75 | 85 | 99 | 111 | 123 | 135 | 147 | 159 | 171 | 183 |

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

EC001105 - Offload switch