ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 3 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

| Product designation | | | Rotary cam switches |
|--------------------------------------------------------|----------|-------|-----------------------------------|
| Product type designation | | | GX16 |
| General characteristics | | | |
| Switching diagram | | | 93 - Multi-step 1- 2-3 3 poles |
| N° of elements | | | 5 |
| Mounting form | | | O - Rear mounting with |
| Contact characteristics | | | black handle |
| Contact characteristics Rated insulation voltage Ui | | | |
| Rated Insulation voltage of | IEC/EN | V | 690 |
| | UL/CSA | V | 600 |
| Rated impulse withstand voltage Uimp | OLICOA | kV | 6 |
| Conventional free air thermal current Ith | | K V | 0 |
| Conventional free all thermal current fun | IEC/EN | Α | 16 |
| | UL/CSA | A | 12 |
| Rated operational voltage | OLICOA | | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | K V | 4 |
| Maximum ruse size for short-circuit protection in (99) | 10kA | Α | 16 |
| | 15kA | A | 16 |
| | 25kA | A | 16 |
| Rated short time current lcw | ZJRA | | 10 |
| Nated Short time current icw | 1s | Α | 250 |
| Conductivity | 13 | | 10/5 mA/V |
| Operational current le IEC/EN | | | 10/3 1117/ V |
| AC1/AC21A | | | |
| AC1/AC21A | | Α | 16 |
| AC15 | | | 10 |
| A013 | 110V | Α | 10 |
| | 220/230V | A | 8 |
| | 380/400V | A | 4 |
| | 660/690V | Α | 1.5 |
| Rated operational power in AC | 000/0001 | - , , | 1.0 |
| Three-phase AC-3 | | | |
| Tilloo pilaoo Ao o | 220/230V | kW | 3.5 |
| | 380/440V | kW | 4.5 |
| | 500/690V | kW | 5.5 |
| Single-phase AC-3 | 333,3331 | | 2.2 |
| g p | 110V | kW | 0.55 |
| | 220/230V | kW | 1.5 |
| | 380/440V | kW | 2.2 |
| Three-phase AC23A | <u>-</u> | | |
| - | 220/230V | kW | 3.7 |
| | 380/440V | kW | 6.5 |
| | 500/690V | kW | 7.5 |
| Single-phase AC23A | | | |
| · | 110V | kW | 0.75 |
| | 220/230V | kW | 1.8 |
| | | | |

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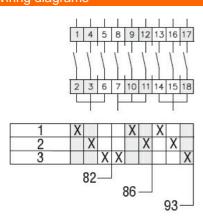
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| | DC044 | | | |
|-----------------------------------|--------------------------------------------|------------|----------|-------------------|
| | DC21A | 40)/ | ۸ | 4.0 |
| | | 48V | A | 16 |
| | | 60V | A | 16 |
| | | 110V | A | 4 |
| | | 220V | A | 0.6 |
| | DC22A (nales in series) | 440V | A | 0.25 |
| | DC23A (poles in series) | 0.41/ | ٨ | 40 (4) |
| | | 24V | A | 16 (1) |
| | | 48V | A | 16 (2) |
| | | 60V | Α | 16 (3) |
| | | 110V | Α | 10 (3) |
| | B040 | 220V | Α | 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 | | | |
| | Ç | min | AWG | 20 |
| | | Max | AWG | 12 |
| | AWG - Flexible cable | | | |
| | | min | AWG | 20 |
| | | Max | AWG | 12 |
| | Conductor size (IEC) - Flexible cable | IVIOA | 71110 | |
| | Conductor Size (IEO) Trexible cable | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| | Conductor size (IEC) - Rigid cable | IVICA | 111111 | 2.0 |
| | Conductor size (IEC) - Rigid Cable | min | mm² | 0.5 |
| | | | | |
| Markaniantifa | | Max | mm² | 2.5 |
| Mechanical life UL technical data | | | cycles | 1X10 ⁶ |
| | on line control | | | |
| Motor power for direct- | | | | |
| | for three-phase motor | 400) (| LID | 4.5 |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 |
| | | 600V | HP | 5 |
| | for single-phase motor | | | |
| | | 120V | HP | 0.75 |
| | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Temperature | | | | |
| • | | | | |
| · | Operating temperature | | | |
| · | Operating temperature | min | °C | -25 |
| · | Operating temperature | min max | °C °C | -25 +55 |
| · | Operating temperature Storage temperature | | °C | |
| · | | | | |

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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