ENERGY AND AUTOMATION



| Product designation | | | Rotary cam |
|---|----------------------|--------|----------------------------|
| - | | | switches GX32 |
| Product type designation General characteristics | | | GA32 |
| | | | 91 - ON/OFF |
| Switching diagram | | | switch 2 poles |
| N° of elements | | | 1 |
| Manuskin n famo | | | U - Front |
| Mounting form | | | mounting with black handle |
| Contact characteristics | | | black Harraic |
| 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 | 32 |
| Data Lancas Caralla discar | UL/CSA | A | 32 |
| Rated operational voltage | | V | 440 |
| Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG) | | kV | 4 |
| iwaxiinum ruse size for short-circuit protection in (gG) | 10kA | Α | 35 |
| | 15kA | A | 35 35 |
| | 25kA | A | 35 |
| Rated short time current Icw | | | |
| | 1s | kA | 1000 |
| Conductivity | | | 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | | |
| | | Α | 32 |
| AC15 | | | |
| | 110V | Α | 25 |
| | 220/230V | A | 20 |
| | 380/400V 660/690V | A A | 10 2 |
| Rated operational power in AC | 000/0301 | | |
| Three-phase AC-3 | | | |
| Times phase to 0 | 220/230V | kW | 7.5 |
| | 380/440V | kW | 11 |
| | 500/690V | kW | 11 |
| Single-phase AC-3 | | | |
| | 110V | kW | 1.8 |
| | 220/230V | kW | 3.5 |
| | 380/440V | kW | 5.5 |
| Three-phase AC23A | 000/0001 | 1.147 | 0 |
| | 220/230V | kW | 8 |

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electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

| | | 380/440V | kW | 15 |
|---|--|---|--|---|
| | | 500/690V | kW | 15 |
| | Single-phase AC23A | | | |
| | | 110V | kW | 2.2 |
| | | 220/230V | kW | 3.5 |
| | | 380/440V | kW | 6 |
| Rated operational cui | rrent in DC | 330,1101 | | |
| rated operational out | DC21A | | | |
| | 552171 | 48V | Α | 32 |
| | | 60V | A | 32 |
| | | 110V | A | 5 |
| | | 220V | A | 0.8 |
| | | 440V | A | 0.25 |
| | DCCCA (nales in series) | 440 V | | 0.25 |
| | DC23A (poles in series) | 0.4)/ | Δ. | 00 (4) |
| | | 24V | A | 32 (1) |
| | | 48V | A | 32 (2) |
| | | 60V | A | 32 (3) |
| | | 110V | Α | 15 (3) |
| | | 220V | A | 12 (4) |
| | DC13 | | | |
| | | 24V | Α | 32 |
| | | 48V | Α | 25 |
| | | 60V | Α | 14 |
| | | 110V | Α | 3 |
| | | 220V | Α | 0.5 |
| | | 440V | Α | 0.15 |
| Power dissipation | | | W | 1.6 |
| | | | | |
| Mechanical features | | | | |
| Terminals screw | | | | M4 |
| Terminals screw | terminals max | | Nm | M4 1.2 |
| Terminals screw Tightening torque for | terminals max | | Nm | M4 1.2 |
| Terminals screw | | | Nm | |
| Terminals screw Tightening torque for | terminals max AWG - Rigid cable | min | | 1.2 |
| Terminals screw Tightening torque for | | min May | AWG | 1.2 |
| Terminals screw Tightening torque for | AWG - Rigid cable | min Max | | 1.2 |
| Terminals screw Tightening torque for | | Max | AWG AWG | 1.2 16 8 |
| Terminals screw Tightening torque for | AWG - Rigid cable | Max min | AWG AWG | 1.2 16 8 |
| Terminals screw Tightening torque for | AWG - Rigid cable AWG - Flexible cable | Max | AWG AWG | 1.2 16 8 |
| Terminals screw Tightening torque for | AWG - Rigid cable | Max min Max | AWG AWG AWG AWG | 1.2 16 8 16 10 |
| Terminals screw Tightening torque for | AWG - Rigid cable AWG - Flexible cable | Max min Max min | AWG AWG AWG AWG | 1.2 16 8 16 10 1.5 |
| Terminals screw Tightening torque for | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable | Max min Max | AWG AWG AWG AWG | 1.2 16 8 16 10 |
| Terminals screw Tightening torque for | AWG - Rigid cable AWG - Flexible cable | Max min Max min Max | AWG AWG AWG AWG | 1.2 16 8 16 10 1.5 6 |
| Terminals screw Tightening torque for | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable | Max min Max min Max min | AWG AWG AWG AWG mm² mm² | 1.2 16 8 16 10 1.5 6 |
| Terminals screw Tightening torque for Conductor size | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable | Max min Max min Max | AWG AWG AWG AWG mm² mm² | 1.2 16 8 16 10 1.5 6 |
| Terminals screw Tightening torque for Conductor size Mechanical life | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable | Max min Max min Max min | AWG AWG AWG AWG mm² mm² | 1.2 16 8 16 10 1.5 6 |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min | AWG AWG AWG AWG mm² mm² | 1.2 16 8 16 10 1.5 6 |
| Terminals screw Tightening torque for Conductor size Mechanical life | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min | AWG AWG AWG AWG mm² mm² | 1.2 16 8 16 10 1.5 6 |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min Max | AWG AWG AWG Mm² mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10° |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min Max | AWG AWG AWG AWG mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min Max 120V 240V | AWG AWG AWG AWG mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min Max 120V 240V 480V | AWG AWG AWG AWG mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor | Max min Max min Max min Max 120V 240V | AWG AWG AWG AWG mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max min Max 120V 240V 480V 600V | AWG AWG AWG AWG mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5 15 |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor | Max min Max min Max min Max 120V 240V 480V 600V | AWG AWG AWG mm² mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5 15 15 |
| Terminals screw Tightening torque for Conductor size Mechanical life UL technical data | AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor | Max min Max min Max min Max 120V 240V 480V 600V | AWG AWG AWG AWG mm² mm² cycles | 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5 15 |

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 32A, FOR FRONT MOUNTING
WITH BLACK HANDLE, FRONT PLATE 65X65MM

Ambient conditions

ENERGY AND AUTOMATION

Temperature

Operating temperature

| min | °C | -25 |
|-----|----|-----|
| max | °C | +55 |

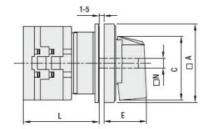
Storage temperature

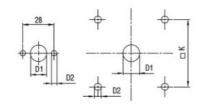
min °C -40 max °C +70

Resistance & Protection

| Frontal IP degree | IP65 |
|---------------------|------|
| Terminals IP degree | IP20 |

Dimensions

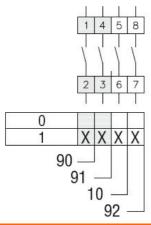




Drillings for 4 screws fixing (4V version).

| Series - | Dimensions | | | | | | | L Number of elements | | | | | | | | | | | |
|----------|------------|------|-----|-----|------|----|----|----------------------|------|----|------|----|------|-----|-------|-----|-------|-----|-------|
| | □A | C | ØD1 | ØD2 | E | □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





ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 32A, FOR FRONT MOUNTING
WITH BLACK HANDLE, FRONT PLATE 65X65MM

ETIM 8.0

EC001105 - Offload switch