electric ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM **ENERGY AND AUTOMATION**

| Product designation | | | | Rotary cam |
|--------------------------|----------------------------------|----------|----|--|
| Product type designati | on | | | switches GX20 |
| General characteristics | | | | GA20 |
| Switching diagram | , | | | 56 - Changeover switch without 0 3 poles |
| N° of elements | | | | 3 |
| - | | | | O - Rear |
| Mounting form | | | | mounting with black handle |
| Contact characteristics | | | | |
| Rated insulation voltag | e Ui | | | |
| | | IEC/EN | V | 690 |
| | | UL/CSA | V | 600 |
| Rated impulse withstar | | | kV | 6 |
| Conventional free air th | nermal current Ith | | | |
| | | IEC/EN | Α | 20 |
| | | UL/CSA | Α | 15 |
| Rated operational volta | age | | V | 440 |
| Rated operational impo | ulse voltage | | kV | 4 |
| Maximum fuse size for | short-circuit protection In (gG) | | | |
| | | 10kA | Α | 20 |
| | | 15kA | Α | 20 |
| | | 25kA | Α | 20 |
| Rated short time curre | nt Icw | | | |
| | | 1s | Α | 250 |
| Conductivity | | | | 10/5 mA/V |
| Operational current le | IEC/EN | | | |
| | AC1/AC21A | | | |
| | | | Α | 20 |
| | AC15 | | | _ |
| | | 110V | Α | 10 |
| | | 220/230V | Α | 8 |
| | | 380/400V | Α | 6 |
| | | 660/690V | Α | 1.5 |
| Rated operational pow | er 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 | | | |
| | | 220/230V | kW | 4 |
| | | 380/440V | kW | 7.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | | | |
| | | 110V | kW | 0.75 |
| | | 220/230V | kW | 2.2 |
| | | 380/440V | kW | 3.5 |
| | | | | |

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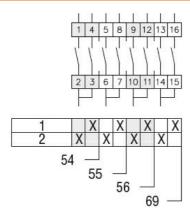
| Rated operational cur | | | | |
|--|---|--------------------------------------|----------------------|----------------------------|
| | DC21A | 40)/ | | 00 |
| | | 48V | A | 20 |
| | | 60V | A | 20 |
| | | 110V | A | 4 |
| | | 220V | A | 0.6 |
| | DCCCA (nales in entire) | 440V | A | 0.25 |
| | DC23A (poles in series) | 0.4)/ | | 00 (4) |
| | | 24V | A | 20 (1) |
| | | 48V | A | 20 (2) |
| | | 60V 110V | A | 20 (3) |
| | | 220V | A | 10 (3) |
| | DC42 | 2201 | Α | 8 (4) |
| | DC13 | 241/ | ۸ | 20 |
| | | 24V 48V | A A | 20 16 |
| | | 60V | | |
| | | 110V | A A | 12 1 |
| | | 220V | A | 0.4 |
| | | 440V | | |
| Power dissipation | | 4401 | A W | 0.15 0.6 |
| Power dissipation lechanical features | | | VV | 0.0 |
| erminals screw | | | | M3 |
| | torminals may | | Nm | |
| ightening torque for | terminals max | | INIII | 0.8 |
| Conductor size | ANAC Divid calds | | | |
| | AWG - Rigid cable | | A1A/O | 00 |
| | | min | AWG | 20 |
| | ANNO EL TIL LI | Max | AWG | 12 |
| | AWG - Flexible cable | • | 414/0 | 00 |
| | | min | AWG | 20 |
| | 0 1 ((50) 51 (11 11 | Max | AWG | 12 |
| | Conductor size (IEC) - Flexible cable | | 2 | 0.5 |
| | | min | mm² | 0.5 |
| | 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Max | mm² | 2.5 |
| | Conductor size (IEC) - Rigid cable | | 2 | |
| | | min | mm² | 0.5 |
| A I I P.C . | | Max | mm² | 2.5 |
| /lechanical life | | | cycles | 1X10 ⁶ |
| JL technical data | | | | |
| Aston marrian for 11 | t an line control | | | |
| Notor power for direc | | | | |
| Notor power for direc | t-on-line control for three-phase motor | | ı.e | 4.5 |
| Notor power for direc | | 120V | HP | 1.5 |
| Motor power for direc | | 240V | HP | 3 |
| Motor power for direc | | 240V 480V | HP HP | 3 5 |
| Motor power for direc | for three-phase motor | 240V | HP | 3 |
| Motor power for direc | | 240V 480V 600V | HP HP HP | 3 5 5 |
| Motor power for direc | for three-phase motor | 240V 480V 600V | HP HP HP | 3 5 5 0.75 |
| | for three-phase motor | 240V 480V 600V | HP HP HP | 3 5 5 |
| ambient conditions | for three-phase motor | 240V 480V 600V | HP HP HP | 3 5 5 0.75 |
| Ambient conditions | for three-phase motor for single-phase motor | 240V 480V 600V | HP HP HP | 3 5 5 0.75 |
| Ambient conditions | for three-phase motor | 240V 480V 600V 120V 240V | HP HP HP HP | 3 5 5 0.75 1.5 |
| Motor power for direct Ambient conditions Emperature | for three-phase motor for single-phase motor | 240V 480V 600V | HP HP HP | 3 5 5 0.75 |



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ENERGY AND AUTOMATION

| | min max | °C °C | -40 +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