

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2, 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

| Product designation | | | Rotary cam |
|--|------------------|--------|--|
| • | | | switches |
| Product type designation General characteristics | | | GF20 |
| Switching diagram | | | 107 - Multi-step 0-1-2 1 pole |
| N° of elements | | | 1 |
| Mounting form | | | O48 - Modular service cover for 35mm din rail mounting with black handle |
| Contact characteristics Rated insulation voltage Ui | | | |
| Rated Insulation Voltage of | IEC/EN UL/CSA | V V | 480 240 |
| Rated impulse withstand voltage Uimp | | kV | 4 |
| Conventional free air thermal current Ith | | | |
| | IEC/EN UL/CSA | A A | 20 15 |
| Rated operational voltage | | V | 480 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | 10kA | Α | 20 |
| | 15kA | Α | 20 |
| | 25kA | Α | 20 |
| Rated short time current Icw | 1s | kA | 250 |
| Conductivity | | 10 (| 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | А | 20 |
| AC15 | | | |
| | 110V | Α | 10 |
| | 220/230V | Α | 8 |
| | 380/400V | Α | 6 |
| Rated operational power in AC Three-phase AC-3 | | | |
| | 220/230V | kW | 3 |
| 0'1110-0 | 380/440V | kW | 5 |
| Single-phase AC-3 | 110V | kW | 0.5 |
| | 220/230V | kW | 1.5 |
| | 380/440V | kW | 2 |
| Three-phase AC23A | | | |
| · | 220/230V | kW | 4 |
| | 380/440V | kW | 7.5 |
| Single-phase AC23A | | | _ |
| | 110V | kW | 0.75 |
| | 220/230V | kW | 2 |
| Rated operational current in DC | 380/440V | kW | 2.5 |
| DC21A | | | |
| 20211 | 48V | Α | 20 |
| | | | |



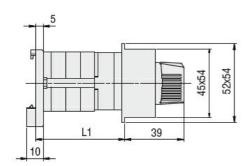


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| | | 60V | Α | 20 |
|----------------------------------|---------------------------------------|------------|--------|-------------------|
| | | 110V | Α | 4 |
| | | 220V | Α | 0.7 |
| | | 440V | Α | 0.2 |
| | DC13 | | | |
| | | 24V | Α | 6 |
| | | 48V | Α | 6 |
| | | 60V | Α | 3 |
| | | 110V | Α | 1 |
| | | 220V | Α | 0.4 |
| | | 440V | Α | 0.15 |
| Power dissipation | | | W | 0.8 |
| Mechanical features | | | | |
| Terminals screw | | | | M3 |
| Tightening torque for t | terminals max | | Nm | 0.5 |
| Conductor size | | | | |
| 00.10.0.0.0 | AWG - Rigid cable | | | |
| | 7.VVO Trigid dable | min | AWG | 20 |
| | | Max | AWG | 12 |
| | AWG - Flexible cable | Wick | 7,1110 | 12 |
| | AVVO T TEXABLE GABIE | min | AWG | 20 |
| | | Max | AWG | 12 |
| | Conductor size (IEC) - Flexible cable | IVICA | 700 | 12 |
| | Conductor Size (IEC) - Flexible cable | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| | Conductor size (IEC) Digid coble | IVIdX | ШШ | 2.5 |
| | Conductor size (IEC) - Rigid cable | min | mm² | 0 F |
| | | min Max | mm² | 0.5 2.5 |
| Mechanical life | | IVIdX | | |
| UL technical data | | | cycles | 1x10 ⁶ |
| | t on line control | | | |
| Motor power for direct | | | | |
| | for three-phase motor | 0.40\/ | LID | 0 |
| | for all all all and wanter | 240V | HP | 3 |
| | for single-phase motor | 0.4017 | LID | 4 |
| A male to make a constitution of | | 240V | HP | 1 |
| Ambient conditions | | | | |
| Temperature | Out of the terms of | | | |
| | Operating temperature | | 2.2 | 0.5 |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | max | °C | +70 |
| Resistance & Protecti | on | | | |
| Frontal IP degree | | | | IP40 |
| Terminals IP degree | | | | IP20 |
| Dimensions | | | | |
| | | | | |

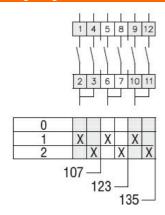
ENERGY AND AUTOMATION

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| Corios | L1 | | |
|--------|----|------|----|
| Series | 1 | 2 | 3 |
| GF20 | 40 | 53.5 | 67 |

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

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete