



ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

| Product designation | | | | | Rotary cam |
|--|---------------------------|------------------------------------|----------|-------|----------------|
| Switching diagram 05 - ON/OFF switch 1 pole N° of elements 1 Mounting form U111 - Front mounting with black handle without front place handle without front place handle without front place handle without front place without front place and place without front place without front place for hole diam. 2 mm king Contact characteristics IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 600 Rated impulse withstand unrent ith IEC/EN A 20 Conventional free air thermal current lith IEC/EN A 20 Rated operational voltage kV 440 440 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Rated short time current lcw 1 s kA 250 Conductivity 1 s kA 250 Conductivity A 10/5 mA/V Operational current le IEC/EN A 20 AC15 110V A 10 Rated operational power in AC 220/230V | Product designation | | | | |
| Switching diagram 05 - ON/OFF switch 1 pole N° of elements 1 Mounting form U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing Contact characteristics Rated insulation voltage UI IEC/EN UL/CSA V 600 Rated impulse withstand voltage Uimp IEC/EN V 66 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 Rated operational voltage V 440 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10KA A 20 Lead A A 20 Le | | | | | GX20 |
| Switching diagram switch 1 pole N° of elements 1 Mounting form U111 - Front mounting with balack handle without front politique for hole diable for hole dia | General characteristic | S | | | 05 ON/OFF |
| N° of elements | Switching diagram | | | | |
| Mounting form mounting with black handle without front plate for hole diam. black handle without front plate for hole diam. black handle without for hole diam. black han | N° of elements | | | | |
| Mounting form | | | | | |
| Mounting form March Marc | | | | | |
| Contact characteristics | Mounting form | | | | |
| IEC/EN V 690 UL/CSA V 600 Rated insulation voltage Uin IEC/EN UL/CSA V 600 Rated impulse withstand voltage Uimp EC/EN A 20 UL/CSA A 15 Rated operational voltage V 440 Rated operational impulse voltage V 440 Rated operational impulse voltage V 440 Rated operational impulse voltage V 440 Rated sperational impulse voltage V 440 Rated sperational impulse voltage V 440 Rated short time current lcw 10 | | | | | for hole diam. |
| Rated insulation voltage Ui IEC/EN | Contact characteristics | | | | 22mm fixing |
| Rated impulse withstand voltage Uimp | | | | | |
| Rated impulse withstand voltage Uimp | rvated irisulation voltag | ge Oi | IFC/FN | V | 690 |
| Rated impulse withstand voltage Ulimp | | | = : | | |
| IEC/EN A 20 | Rated impulse withsta | nd voltage Uimp | | kV | |
| Rated operational voltage | | | | | |
| Rated operational voltage | | | | Α | 20 |
| Rated operational impulse voltage | - | | UL/CSA | | |
| Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current Icw 1s kA 250 Conductivity 1s kA 250 Conductivity AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Single-phase AC-3A Three-phase AC-3A Three-phase AC-3A Three-phase AC-3A Three-phase AC-3A Three-phase AC-3A Single-phase AC-3A Three-phase AC-3A Three-phase AC-3A Single-phase AC-3A Three-phase AC-3A | | | | | |
| 10kA | | | | kV | 4 |
| Table | Maximum fuse size to | r short-circuit protection In (gG) | 401.4 | Δ. | 00 |
| Rated short time current Icw | | | | | |
| Rated short time current lcw | | | | | |
| Conductivity | Rated short time curre | ent Icw | 2010 (| | |
| A | | | 1s | kA | 250 |
| AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power 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 1.8 380/440V kW 3 Three-phase AC23A 110V kW 7.5 500/690V kW 7.5 Single-phase AC23A | Conductivity | | | | 10/5 mA/V |
| AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power 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 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 Single-phase AC23A Single-phase | Operational current le | IEC/EN | | | |
| AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power 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 7.5 Single-phase AC23A 110V kW 7.5 500/690V kW 7.5 Single-phase AC23A | | AC1/AC21A | | | |
| 110V | | | | Α | 20 |
| 220/230V | | AC15 | 4401/ | Δ. | 4.0 |
| Single-phase AC23A Single- | | | | | |
| Rated operational power 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 3 Three-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A | | | | | |
| Rated operational power 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 | | | | | |
| 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 | Rated operational pow | ver in AC | | • | |
| 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 | | | | | |
| Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 3 3 3 3 3 3 3 3 | | | | | |
| 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 | | | | | |
| 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 | | | 500/690V | kW | 5.5 |
| 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 | | Single-phase AC-3 | 44017 | 12/// | 0.75 |
| 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 | | | | | |
| 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 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 | | Three-phase AC23A | 000/110V | | |
| 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 | | | 220/230V | kW | 4 |
| Single-phase AC23A 110V kW 0.75 | | | | | |
| 110V kW 0.75 | | | 500/690V | kW | 7.5 |
| | | Single-phase AC23A | | | _ |
| 220/230V kW 2.2 | | | | | |
| | | | 220/230V | KVV | 2.2 |





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| | | 380/440V | kW | 3.5 |
|---|---|----------------------|----------------------|---------------------|
| Rated operational cur | | | | |
| | DC21A | 4017 | ۸ | 00 |
| | | 48V | A | 20 |
| | | 60V 110V | A A | 20 4 |
| | | 220V | A | 0.6 |
| | | 440V | A | 0.25 |
| | DC23A (poles in series) | 440 V | | 0.23 |
| | DOZOA (poles in series) | 24V | Α | 20 (1) |
| | | 48V | A | 20 (2) |
| | | 60V | A | 20 (3) |
| | | 110V | A | 10 (3) |
| | | 220V | Α | 8 (4) |
| | DC13 | | | 3 (1) |
| | 2010 | 24V | Α | 20 |
| | | 48V | Α | 16 |
| | | 60V | Α | 12 |
| | | 110V | Α | 1 |
| | | 220V | Α | 0.4 |
| | | 440V | Α | 0.15 |
| Power dissipation | | | W | 0.6 |
| Mechanical features | | | | |
| Terminals screw | | | | M3 |
| Fightening torque for | terminals max | | Nm | 0.8 |
| 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 | | | |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| | | · | cycles | 1X10 ⁶ |
| | | | , | |
| JL technical data | | | , | |
| JL technical data | t-on-line control | | | |
| JL technical data | t-on-line control for three-phase motor | | | |
| JL technical data | | 120V | HP | 1.5 |
| JL technical data | | 240V | HP HP | 3 |
| JL technical data | | 240V 480V | HP HP HP | 3 5 |
| JL technical data | for three-phase motor | 240V | HP HP | 3 |
| JL technical data | | 240V 480V 600V | HP HP HP | 3 5 5 |
| Mechanical life JL technical data Motor power for direc | for three-phase motor | 240V 480V 600V | HP HP HP HP | 3 5 5 0.75 |
| JL technical data Motor power for direc | for three-phase motor | 240V 480V 600V | HP HP HP | 3 5 5 |
| JL technical data Motor power for direc | for three-phase motor | 240V 480V 600V | HP HP HP HP | 3 5 5 0.75 |
| JL technical data | for three-phase motor | 240V 480V 600V | HP HP HP HP | 3 5 5 0.75 |
| JL technical data Motor power for direct Ambient conditions | for three-phase motor | 240V 480V 600V | HP HP HP HP | 3 5 5 0.75 |
| JL technical data Motor power for direct Ambient conditions | for three-phase motor for single-phase motor | 240V 480V 600V | HP HP HP HP | 3 5 5 0.75 |



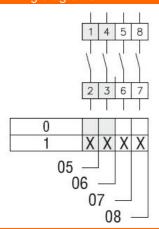
ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

| °C °C | -40 +70 | |
|----------|------------|--|
| | +70 | |
| | IP65 | |
| | IP20 | |
| _ | | |

1-5 88 80 96 80 22,5

| Series | | L | | | |
|--------|----|------|----|-------|--|
| | 1 | 2 | 3 | 8 | |
| GX16 | 54 | 62.5 | 71 | 147.5 | |
| GX20 | 54 | 62.5 | 71 | 147.5 | |

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