

GX16U237U

| Draduct designation | | | | ^a Rotary cam |
|--|----------------------------------|--|------------------|--|
| Product designation | | | | switches |
| Product type designati | | | | GX16 |
| General characteristics 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 voltag | | | | |
| | | IEC/EN UL/CSA | V V | 690 600 |
| Rated impulse withstar | | | kV | 6 |
| Conventional free air th | nermal current Ith | IEC/EN UL/CSA | A A | 16 12 |
| Rated operational volta | age | | V | 440 |
| Rated operational impo | | | kV | 4 |
| Maximum fuse size for | short-circuit protection In (gG) | 10kA 15kA 25kA | A A A | 16 16 16 |
| Rated short time curre | nt Icw | 1s | A | 250 |
| Conductivity | | | | 10/5 mA/V |
| Operational current le | IEC/EN AC1/AC21A | | | |
| | A045 | | A | 16 |
| | AC15 | 110V 220/230V 380/400V 660/690V | A A A A | 10 8 4 1.5 |
| Rated operational pow | er in AC | 000/0007 | | 1.0 |
| | Three-phase AC-3 | 220/230V 380/440V 500/690V | kW kW kW | 3.5 4.5 5.5 |
| | Single-phase AC-3 | 500/030V | IX V V | 0.0 |
| | | 110V 220/230V 380/440V | kW kW kW | 0.55 1.5 2.2 |
| | Three-phase AC23A | 220/230V | kW | 3.7 |
| | | 380/440V | kW | 6.5 |
| | Single-phase AC23A | 500/690V | kW | 7.5 |
| | | 110V | kW | 0.75 |

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| | | 220/230V | kW | 1.8 |
|--|---------------------------------------|--------------|--------|-------------------|
| Dated an arctional our | iont in DC | 380/440V | kW | 3 |
| Rated operational curr | DC21A | | | |
| | | 48V | А | 16 |
| | | 60V | А | 16 |
| | | 110V | А | 4 |
| | | 220V | Α | 0.6 |
| | | 440V | Α | 0.25 |
| | DC23A (poles in series) | 0.01/ | | |
| | | 24V | A | 16 (1) |
| | | 48V 60V | A | 16 (2) 16 (2) |
| | | | A | 16 (3) |
| | | 110V | A | 10 (3) |
| | DC13 | 220V | A | 7 (4) |
| | DC13 | 24V | А | 16 |
| | | 24 v 48 V | | |
| | | 48 V 60 V | A | 14 10 |
| | | 60V 110V | A | 10 |
| | | 220V | A | 1 0.4 |
| | | 220V 440V | A A | 0.4 0.15 |
| Dowor dissinction | | 440 V | | 0.6 |
| Power dissipation Mechanical features | | | VV | 0.0 |
| Terminals screw | | | | 3M |
| Tightening torque for to | orminale may | | Nm | 0.5 |
| Conductor size | | | INIII | 0.5 |
| Conductor Size | AWG - Rigid cable | | | |
| | AWG - Rigiu cable | min | AWG | 20 |
| | | Max | AWG | 12 |
| | AWG - Flexible cable | IVIDA | ANG | 12 |
| | AWG - T lexible cable | min | AWG | 20 |
| | | Max | AWG | 12 |
| | Conductor size (IEC) - Flexible cable | IVICA | 700 | 12 |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| | Conductor size (IEC) - Rigid cable | WidA | | |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | | cycles | 1X10 ⁶ |
| UL technical data | | | | |
| Motor power for direct | -on-line control | | | |
| - | for three-phase motor | | | |
| | | 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 | | | |
| | | min | °C | -25 |
| | | | | |

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| | max | °C | +55 |
|-------------------------|-----|----|--|
| Storage temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |
| Resistance & Protection | | | |
| Frontal IP degree | | | IP65 |
| Terminals IP degree | | | IP20 |
| ETIM classification | | | |
| ETIM 8.0 | | | EC001029 - Selector switch, complete |