

ENERGY AND AUTOMATION

GX1613088 ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 16A, electric FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

| Product designation | | | | Rotary cam |
|---|---------------------------------|----------------------|---------|--|
| | | | | switches |
| Product type designation General characteristics | | | | GX16 |
| Switching diagram | | | | 13 - Dahlander motor control |
| | | | | switch 1-0-2 |
| N° of elements | | | | 4 |
| Mounting form | | | | O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers |
| Contact characteristics | | | | |
| Rated insulation voltage | Ui | IEC/EN UL/CSA | V V | 690 600 |
| Rated impulse withstand | | | kV | 6 |
| Conventional free air the | rmal current Ith | | _ | |
| | | IEC/EN | A | 16 |
| Dete des settes el coltes | | UL/CSA | A | 12 |
| Rated operational voltag | | | V kV | 440 |
| | hort-circuit protection In (gG) | | ĸv | 4 |
| | non-circuit protection in (gG) | 10kA | А | 16 |
| | | 15kA | A | 16 |
| | | 25kA | A | 16 |
| Rated short time current | Icw | | | |
| | | 1s | kA | 250 |
| Conductivity | | | | 10/5 mA/V |
| Operational current le IE | C/EN | | | |
| | AC1/AC21A | | | |
| | | | A | 16 |
| | AC15 | | | |
| | | 110V | A | 10 |
| | | 220/230V 380/400V | A A | 8 4 |
| | | 660/690V | A | 4 1.5 |
| Rated operational power | n AC | 000,000 (| 7. | |
| | Three-phase AC-3 | | | |
| | · | 220/230V | kW | 3.5 |
| | | 380/440V | kW | 4.5 |
| _ | | 500/690V | kW | 5.5 |
| | Single-phase AC-3 | | | |
| | | 110V | kW | 0.55 |
| | | 220/230V | kW | 1.5 |
| : | Three-phase AC23A | 380/440V | kW | 2.2 |
| | THEE-PHASE AUZSA | 220/230V | kW | 3.7 |
| | | 380/440V | kW | 6.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | | | |

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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| | 110V | kW | 0.75 |
|--|----------|--------|-------------------|
| | 220/230V | kW | 1.8 |
| | 380/440V | kW | 3 |
| ated operational current in DC | | | |
| DC21A | | _ | |
| | 48V | A | 16 |
| | 60V | А | 16 |
| | 110V | A | 4 |
| | 220V | А | 0.6 |
| | 440V | A | 0.25 |
| DC23A (poles in series) | | | |
| | 24V | А | 16 (1) |
| | 48V | А | 16 (2) |
| | 60V | А | 16 (3) |
| | 110V | А | 10 (3) |
| | 220V | A | 7 (4) |
| DC13 | | | |
| | 24V | А | 16 |
| | 48V | А | 14 |
| | 60V | А | 10 |
| | 110V | А | 1 |
| | 220V | А | 0.4 |
| | 440V | А | 0.15 |
| ower dissipation | | W | 0.6 |
| lechanical features | | | |
| erminals screw | | | ЗM |
| ightening torque for terminals max | | Nm | 0.5 |
| 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 |
| lechanical life | Wax | cycles | 1X10 ⁶ |
| L technical data | | 0,000 | |
| lotor power for direct-on-line control | | | |
| for three-phase motor | | | |
| | 120V | HP | 1.5 |
| | 240V | HP | 3 |
| | 480V | HP | 5 |
| | | | |
| for single phase mater | 600V | HP | 5 |
| for single-phase motor | 1001 | | 0.75 |
| | 120V | HP | 0.75 |
| and the foregoing the second | 240V | HP | 1 |
| mbient conditions | | | |
| emperature | | | |

Operating temperature

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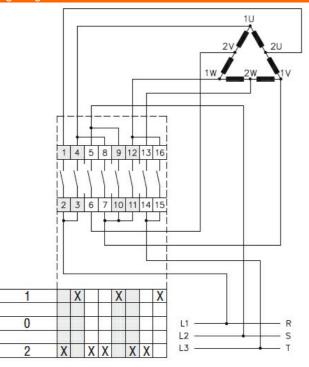




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| | min | °C | -25 |
|-------------------------|-----|----|------|
| | max | °C | +55 |
| Storage temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |
| Resistance & Protection | | | |
| Frontal IP degree | | | IP65 |
| Terminals IP degree | | | IP20 |
| Dimensions | | | |

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 |
| | |
| | cULus |

ETIM classification

EAC

ETIM 8.0

Certificates

EC001029 -Selector switch, complete

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