

| | | | | |
|---|----------|-----------------|------|---|
| Product designation | | | | Rotary cam switches |
| Product type designation | | | | GN200 |
| General characteristics | | | | |
| Switching diagram | | | | 20 - Dahlander motor 2-speed reversing switch |
| N° of elements | | | | 6 |
| Mounting form | | | | O - Rear mounting with black handle |
| Contact characteristics | | | | |
| Rated insulation voltage U_i | IEC/EN | V | 690 | |
| | UL/CSA | V | 600 | |
| Rated impulse withstand voltage U_{imp} | | kV | 8 | |
| Conventional free air thermal current I_{th} | IEC/EN | A | 200 | |
| | UL/CSA | A | 200 | |
| Rated operational voltage | | V | 690 | |
| Rated operational impulse voltage | | kV | 6 | |
| Maximum fuse size for short-circuit protection I_n (gG) | 10kA | A | 200 | |
| | 15kA | A | 200 | |
| Rated short time current I_{cw} | | 1s | kA | 3300 |
| | | | | |
| Operational current I_e IEC/EN AC1/AC21A | | | | A |
| | | | | 200 |
| Rated operational power in AC Three-phase AC-3 | 220/230V | kW | 27.5 | |
| | 380/440V | kW | 47 | |
| Rated operational current in DC DC21A | 48V | A | 200 | |
| | 60V | A | 200 | |
| | 110V | A | 35 | |
| | 220V | A | 2.5 | |
| | 440V | A | 0.9 | |
| Power dissipation | | | | W |
| Mechanical features | | | | |
| Terminals screw | | | | M10 |
| Tightening torque for terminals max | | | | Nm |
| | | | | 10 |
| Conductor size AWG - Rigid cable | Max | AWG | 1X3 | |
| | | | | |
| AWG - Flexible cable | Max | AWG | 0 | |
| | | | | |
| Conductor size (IEC) - Flexible cable | Max | mm ² | 1X95 | |
| | | | | |
| Conductor size (IEC) - Rigid cable | Max | mm ² | 1X95 | |
| | | | | |

Mechanical life cycles 2X10⁵

UL technical data

| | | | |
|--|------|----|-----|
| Motor power for direct-on-line control | | | |
| for three-phase motor | 120V | HP | 30 |
| | 240V | HP | 50 |
| | 480V | HP | 100 |
| | 600V | HP | 75 |
| for single-phase motor | 120V | HP | 15 |
| | 240V | HP | 30 |

Ambient conditions

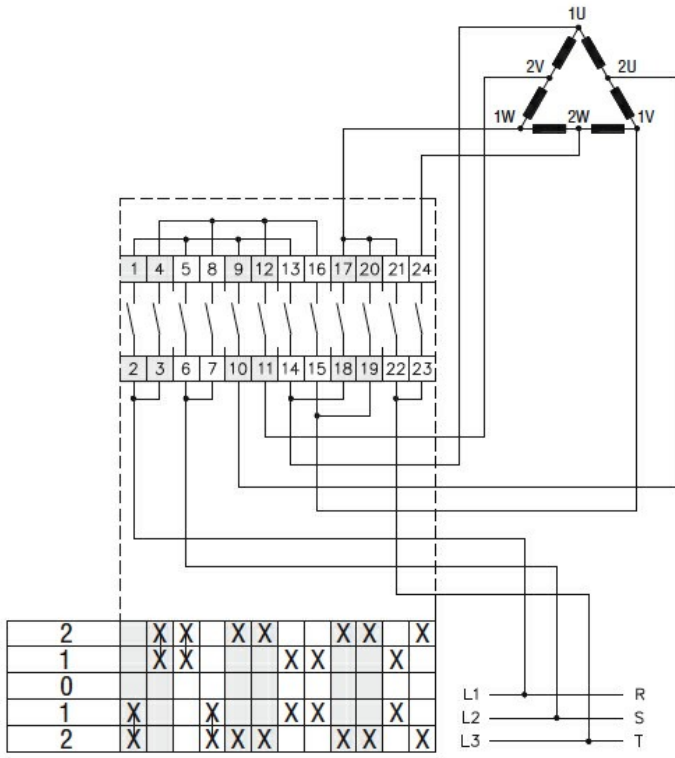
| | | | |
|-----------------------|-----|----|-----|
| Temperature | | | |
| Operating temperature | min | °C | -25 |
| | max | °C | +55 |
| Storage temperature | min | °C | -40 |
| | max | °C | +70 |

Resistance & Protection

| | |
|---------------------|------|
| Frontal IP degree | IP40 |
| Terminals IP degree | IP00 |

Dimensions

Wiring diagrams



Certifications and compliance

| | |
|------------|---------------------|
| Compliance | IEC/EN/BS 60947-1 |
| | IEC/EN/BS 60947-3 |
| | IEC/EN/BS 60947-5-1 |
| | UL60947-4-1 |

Certificates

UR

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete