

General characteristics

| | |
|-------------------|---|
| Switching diagram | 108 - Multi-step 0-1-2-3 1 pole |
| N° of elements | 2 |
| 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 | 315 |
| | UL/CSA | A | 255 |
| Rated operational voltage | | V | 690 |
| Rated operational impulse voltage | | kV | 6 |
| Maximum fuse size for short-circuit protection I_n (gG) | 10kA | A | 315 |
| | 15kA | A | 315 |
| Rated short time current I_{cw} | 1s | kA | 5200 |
| | | | |
| Operational current I_e IEC/EN AC1/AC21A | | A | 315 |
| | | | |
| Rated operational power in AC Three-phase AC-3 | 220/230V | kW | 37 |
| | 380/440V | kW | 55 |
| | 500/690V | kW | 69 |
| | Single-phase AC-3 | | |
| | 110V | kW | 11 |
| | 220/230V | kW | 22 |
| | 380/440V | kW | 30 |
| 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 | 64.5 |

Mechanical features

| | | | | |
|-------------------------------------|---------------------------------------|-----|-----------------|----------|
| Terminals screw | M10 | | | |
| Tightening torque for terminals max | Nm 10 | | | |
| Conductor size | AWG - Rigid cable | Max | AWG | 1XMCM350 |
| | AWG - Flexible cable | Max | AWG | 1XMCM350 |
| | Conductor size (IEC) - Flexible cable | Max | mm ² | 1X185 |
| | Conductor size (IEC) - Rigid cable | | | |

| | | | |
|-----------------|-----|-----------------|-------------------|
| Mechanical life | Max | mm ² | 1X185 |
| | | cycles | 2X10 ⁵ |

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

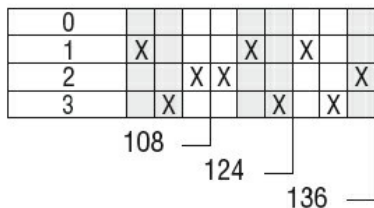
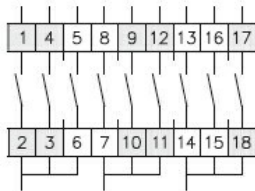
IP40

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