

General characteristics

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|-------------------|--|
| Switching diagram | 25 - 1-phase motor reversing switch with spring return |
| N° of elements | 2 |
| Mounting form | O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers |

Contact characteristics

| | | | | |
|---|--------------------|----------|-----------|------|
| Rated insulation voltage U_i | IEC/EN | V | 690 | |
| | UL/CSA | V | 600 | |
| Rated impulse withstand voltage U_{imp} | | kV | 6 | |
| Conventional free air thermal current I_{th} | IEC/EN | A | 40 | |
| | UL/CSA | A | 50 | |
| Rated operational voltage | | V | 480 | |
| Rated operational impulse voltage | | kV | 4 | |
| Maximum fuse size for short-circuit protection I_n (gG) | 10kA | A | 40 | |
| | 15kA | A | 40 | |
| | 25kA | A | 40 | |
| | 50kA | A | 40 | |
| | 63kA | A | 40 | |
| Rated short time current I_{cw} | 1s | kA | 1000 | |
| | | | 10/5 mA/V | |
| Conductivity | | | 10/5 mA/V | |
| Operational current I_e IEC/EN | AC1/AC21A | A | 40 | |
| | AC15 | | | |
| | 110V | A | 25 | |
| | 220/230V | A | 22 | |
| | 380/400V | A | 12 | |
| | 660/690V | A | 2 | |
| Rated operational power in AC | Three-phase AC-3 | 220/230V | kW | 8 |
| | | 380/440V | kW | 15 |
| | | 500/690V | kW | 15 |
| | Single-phase AC-3 | 110V | kW | 3 |
| | | 220/230V | kW | 6.5 |
| | | 380/440V | kW | 8 |
| | Three-phase AC23A | 220/230V | kW | 8 |
| | | 380/440V | kW | 18.5 |
| | | 500/690V | kW | 22 |
| | Single-phase AC23A | | | |

| | | | |
|--|----------|-----------------|-------------------|
| | 110V | kW | 3 |
| | 220/230V | kW | 6 |
| | 380/440V | kW | 11 |
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| Rated operational current in DC | | | |
| DC21A | | | |
| | 48V | A | 40 |
| | 60V | A | 40 |
| | 110V | A | 6 |
| | 220V | A | 0.9 |
| <hr/> | | | |
| DC23A (poles in series) | | | |
| | 24V | A | 40 (1) |
| | 48V | A | 40 (2) |
| | 60V | A | 40 (3) |
| | 110V | A | 20 (3) |
| | 220V | A | 12 (4) |
| <hr/> | | | |
| DC13 | | | |
| | 24V | A | 40 |
| | 48V | A | 32 |
| | 60V | A | 16 |
| | 110V | A | 3 |
| <hr/> | | | |
| Power dissipation | | W | 2.0 |
| <hr/> | | | |
| Mechanical features | | | |
| Terminals screw | | | M4 |
| Tightening torque for terminals max | | | Nm 1.2 |
| <hr/> | | | |
| Conductor size | | | |
| AWG - Rigid cable | | | |
| | min | AWG | 16 |
| | Max | AWG | 8 |
| <hr/> | | | |
| AWG - Flexible cable | | | |
| | min | AWG | 16 |
| | Max | AWG | 10 |
| <hr/> | | | |
| Conductor size (IEC) - Flexible cable | | | |
| | min | mm ² | 1.5 |
| | Max | mm ² | 6 |
| <hr/> | | | |
| Conductor size (IEC) - Rigid cable | | | |
| | min | mm ² | 1.5 |
| | Max | mm ² | 10 |
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| Mechanical life | | cycles | 5x10 ⁶ |
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| UL technical data | | | |
| Motor power for direct-on-line control | | | |
| for three-phase motor | | | |
| | 120V | HP | 5 |
| | 240V | HP | 10 |
| | 480V | HP | 20 |
| | 600V | HP | 20 |
| <hr/> | | | |
| for single-phase motor | | | |
| | 120V | HP | 2 |
| | 240V | HP | 5 |
| <hr/> | | | |
| Ambient conditions | | | |
| Temperature | | | |
| Operating temperature | | | |
| | min | °C | -25 |
| | max | °C | +55 |
| <hr/> | | | |
| Storage temperature | | | |

min °C -40
 max °C +70

| Resistance & Protection | |
|-------------------------|--|
| Frontal IP degree | IP40 |
| Terminals IP degree | IP00 |
| ETIM classification | |
| ETIM 8.0 | EC001029 - Selector switch, complete |