

**General characteristics**

|                   |                                      |
|-------------------|--------------------------------------|
| Switching diagram | 87 - Multi-step 1-2-3-4 2 poles      |
| N° of elements    | 4                                    |
| Mounting form     | U - Front 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<br>AC1/AC21A             |          | A  | 200  |
|   |          |    |      |
| Rated operational power in AC<br>Three-phase AC-3         | 220/230V | kW | 27.5 |
|   | 380/440V | kW | 47   |
| Rated operational current in DC<br>DC21A                  | 48V      | A  | 200  |
|   | 60V      | A  | 200  |
|   | 110V     | A  | 35   |
|   | 220V     | A  | 2.5  |
|   | 440V     | A  | 0.9  |
| Power dissipation   |          | W  | 26   |

**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 <sup>2</sup>   | 1X95 |
|                                     | Conductor size (IEC) - Rigid cable    | Max    | mm <sup>2</sup>   | 1X95 |
|                                     | Mechanical life                       | cycles | 2X10 <sup>5</sup> |      |

**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

**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

Certificates

cULus  
EAC

**ETIM classification**

ETIM 8.0

EC001029 -  
Selector switch,  
complete