

### General characteristics

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| Switching diagram | 55 - Changeover switch without 0 2 poles                                  |
| N° of elements    | 2                                                                         |
| Mounting form     | U47 - Snap on front mounting with black handle for hole diam. 22mm fixing |

### Contact characteristics

|                                                        |          |    |           |
|--------------------------------------------------------|----------|----|-----------|
| Rated insulation voltage Ui                            |          |    |           |
|                                                        | IEC/EN   | V  | 480       |
|                                                        | UL/CSA   | V  | 240       |
| Rated impulse withstand voltage Uimp                   |          | kV | 4         |
| Conventional free air thermal current Ith              |          |    |           |
|                                                        | IEC/EN   | A  | 10        |
|                                                        | UL/CSA   | A  | 10        |
| Rated operational voltage                              |          | V  | 480       |
| Rated operational impulse voltage                      |          | kV | 4         |
| Maximum fuse size for short-circuit protection In (gG) |          |    |           |
|                                                        | 10kA     | A  | 16        |
| Rated short time current Icw                           |          |    |           |
|                                                        | 1s       | kA | 250       |
| Conductivity                                           |          |    | 10/5 mA/V |
| Operational current Ie IEC/EN                          |          |    |           |
| AC1/AC21A                                              |          |    |           |
|                                                        |          | A  | 10        |
| AC15                                                   |          |    |           |
|                                                        | 110V     | A  | 5         |
|                                                        | 220/230V | A  | 3         |
|                                                        | 380/400V | A  | 2         |
| Rated operational power in AC                          |          |    |           |
| Three-phase AC-3                                       |          |    |           |
|                                                        | 220/230V | kW | 1.5       |
|                                                        | 380/440V | kW | 2.2       |
| Single-phase AC-3                                      |          |    |           |
|                                                        | 110V     | kW | 0.3       |
|                                                        | 220/230V | kW | 0.55      |
|                                                        | 380/440V | kW | 0.75      |
| Three-phase AC23A                                      |          |    |           |
|                                                        | 220/230V | kW | 1.8       |
|                                                        | 380/440V | kW | 3         |
| Single-phase AC23A                                     |          |    |           |
|                                                        | 110V     | kW | 0.7       |
|                                                        | 220/230V | kW | 0.75      |
|                                                        | 380/440V | kW | 1.1       |
| Rated operational current in DC                        |          |    |           |
| DC21A                                                  |          |    |           |
|                                                        | 48V      | A  | 10        |
|                                                        | 60V      | A  | 7         |
|                                                        | 110V     | A  | 2         |
|                                                        | 220V     | A  | 0.7       |
|                                                        | 440V     | A  | 0.2       |

DC13

|      |   |     |
|------|---|-----|
| 24V  | A | 3   |
| 48V  | A | 3   |
| 60V  | A | 2   |
| 110V | A | 1   |
| 220V | A | 0.3 |
| 440V | A | 0.1 |

Power dissipation W 0.4

#### Mechanical features

Terminals screw 2.5M

Tightening torque for terminals max Nm 0.4

Conductor size

AWG - Rigid cable

|     |     |    |
|-----|-----|----|
| min | AWG | 20 |
| Max | AWG | 14 |

AWG - Flexible cable

|     |     |    |
|-----|-----|----|
| min | AWG | 20 |
| Max | AWG | 14 |

Conductor size (IEC) - Flexible cable

|     |                 |     |
|-----|-----------------|-----|
| min | mm <sup>2</sup> | 0.5 |
| Max | mm <sup>2</sup> | 1.5 |

Conductor size (IEC) - Rigid cable

|     |                 |     |
|-----|-----------------|-----|
| min | mm <sup>2</sup> | 0.5 |
| Max | mm <sup>2</sup> | 1.5 |

Mechanical life cycles 1x10<sup>6</sup>

#### UL technical data

Motor power for direct-on-line control

for three-phase motor

|      |    |   |
|------|----|---|
| 240V | HP | 2 |
|------|----|---|

for single-phase motor

|      |    |      |
|------|----|------|
| 240V | HP | 0.75 |
|------|----|------|

#### Ambient conditions

Temperature

Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +55 |

Storage temperature

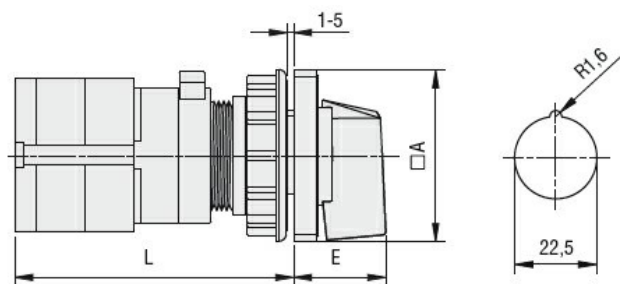
|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

#### Resistance & Protection

Frontal IP degree IP40

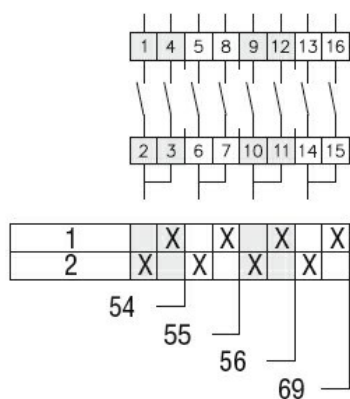
Terminals IP degree IP20

#### Dimensions



| Series | Dimensions |      | L  |      |       |       |
|--------|------------|------|----|------|-------|-------|
|        | □A         | E    | 1  | 2    | 3...8 |       |
| GF10   | 30         | 18.5 | 60 | 72   | 84    | 144   |
| GF20   | 48         | 26.5 | 56 | 69.5 | 83    | 150.5 |

## 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

UL60947-4-1

### Certificates

cULus

EAC

## ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete