



SFT125

## 1-pole, 25A Centre Off Modular Changeover Switch with Top Common Point

### Technical properties

#### Architecture

|                 |     |
|-----------------|-----|
| Number of poles | 1 P |
| Type of pole    | 1 P |

#### Configuration

|                   |   |
|-------------------|---|
| Number of modules | 1 |
|-------------------|---|

#### Main electrical features

|                              |          |
|------------------------------|----------|
| Rated operational voltage Ue | 230 V    |
| Frequency                    | 50/60 Hz |

#### Voltage

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 440 V  |
| Type of voltage input 1         | AC     |
| Rated impulse withstand voltage | 4000 V |

#### Electric current

|  |          |
|--|----------|
| Rated operational current in AC21category B    | 25 A     |
| Acceptable current rating with AC22 category A | 25 A     |
| Rated current                                  | 25 A     |
| Rated short-time withstand current 1s          | 0.375 kA |
| Thermal rated current outside of housings      | 25 A     |
| Rated operational current in AC21 category A   | 25 A     |
| Acceptable current rating with AC22 category B | 25 A     |

#### Dimensions

|                             |         |
|-----------------------------|---------|
| Depth of installed product  | 70 mm   |
| Height of installed product | 83 mm   |
| Width of installed product  | 17.5 mm |

#### Frequency

|           |             |
|-----------|-------------|
| Frequency | 50 to 60 Hz |
|-----------|-------------|

#### Power

|                           |       |
|---------------------------|-------|
| Total power loss under IN | 0.9 W |
| Power loss per pole at In | 0.9 W |

#### Endurance

|   |                         |
|---|-------------------------|
| Electrical durability at nominal load in AC21 in operating cycles | 25000                   |
| Electrical durability at nominal load in AC22 in operating cycles | 25000                   |
| Number of mechanical operations                                   | 200000                  |
| <b>Connection</b>   |                         |
| Connection cross-sect. rigid cable                                | 1,5 / 16mm <sup>2</sup> |
| Type of connection  | with screw              |
| <b>Equipment</b>  |                         |
| Quantity of NC contacts   | 0                       |
| Quantity of NO contacts   | 0                       |
| Quantity of INV contacts  | 1                       |
| <b>Standards</b>  |                         |
| European directive WEEE   | concerned               |
| <b>Safety</b>   |                         |
| Protection index IP   | IP20                    |
| <b>Use conditions</b>   |                         |
| Operating temperature   | -20...50 °C             |
| Degree of pollution according to IEC 60664 / IEC 60947-2          | 2                       |
| Altitude  | 2000 m                  |
| Storage/transport temperature                                     | -40...80 °C             |