



SFT225

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

### Technical properties

#### Architecture

|                 |                   |
|-----------------|-------------------|
| Type of order   | Changeover switch |
| Number of poles | 2 P               |
| Type of pole    | 2 P               |

#### Configuration

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

#### 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 AC21 category 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  | 35 mm |

#### Frequency

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

#### Power

|                                       |       |
|---------------------------------------|-------|
| Total power loss under I <sub>N</sub> | 1.8 W |
| Power loss per pole at I <sub>N</sub> | 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 |

**Installation, mounting**

|                   |       |
|-------------------|-------|
| Tightening torque | 1,8Nm |
|-------------------|-------|

**Connection**

|   |                         |
|---|-------------------------|
| Connection cross-sect. flexible conductor | 1,5 / 10mm <sup>2</sup> |
| Connection cross-sect. rigid cable        | 1,5 / 16mm <sup>2</sup> |
| Cage clamp position                       | off set                 |
| Type of connection                        | with screw              |

**Equipment**

|                          |   |
|--------------------------|---|
| Quantity of NC contacts  | 0 |
| Quantity of NO contacts  | 0 |
| Quantity of INV contacts | 2 |

**Standards**

|               |                              |
|---------------|------------------------------|
| Standard text | IEC 60947-3 ; IEC/EN 60669-1 |
|---------------|------------------------------|

**Safety**

|              |    |
|--------------|----|
| Halogen free | No |
|--------------|----|

**Use conditions**

|  |             |
|--|-------------|
| 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 |