

# Product Datasheet

## SFT225



SFT225

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

#### Technical Features

##### Architecture

|                  |                 |
|------------------|-----------------|
| Number of poles  | 2               |
| Neutral position | Without neutral |
| Type of pole     | 2P              |

##### Electric current

|                                                                                             |         |
|---------------------------------------------------------------------------------------------|---------|
| Rated current                                                                               | 25 A    |
| Rated conditional short-circuit current I <sub>cc</sub> with gl-gG fuses                    | 0,37 kA |
| Acceptable current rating AC21 category A                                                   | 25 A    |
| Acceptable current rating AC21 category B                                                   | 25 A    |
| Acceptable current rating AC22 category A                                                   | 25 A    |
| Acceptable current rating AC22 category B                                                   | 25 A    |
| Rated short-circuit making capacity I <sub>cm</sub> under 240 V AC according to IEC 60947-3 | 0,52 kA |
| Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947                             | 0,37 kA |

##### Installation, mounting

|                           |                |
|---------------------------|----------------|
| Nominal tightening torque | 1,80 - 1,80 Nm |
|---------------------------|----------------|

##### Voltage

|                                          |             |
|------------------------------------------|-------------|
| Rated operational voltage U <sub>e</sub> | 230 - 230 V |
| Type voltage supply                      | AC          |
| Rated insulation voltage U <sub>i</sub>  | 440 V       |

##### Installation, mounting

|                                               |                |
|-----------------------------------------------|----------------|
| Type of bottom connection for modular devices | Screw terminal |
|-----------------------------------------------|----------------|

##### Voltage

|                                                  |        |
|--------------------------------------------------|--------|
| Rated impulse withstand voltage U <sub>imp</sub> | 4000 V |
|--------------------------------------------------|--------|

##### Capacity

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

##### Safety

|                               |      |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

##### Frequency

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

##### Dimensions

|            |            |
|------------|------------|
| Height     | 83 mm      |
| Width      | 35 mm      |
| Depth      | 70 mm      |
| Dimensions | 83 x 35 mm |

##### Equipment

|                       |   |
|-----------------------|---|
| Number of NO contacts | 0 |
| Number of NC contacts | 0 |

##### Use conditions

|                               |             |
|-------------------------------|-------------|
| Operating temperature         | -20 - 50 °C |
| Storage/transport temperature | -40 - 80 °C |

##### Connection

|                                  |                          |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 1.5 - 10 mm <sup>2</sup> |
| Cross-section rigid conductor    | 1.5 - 16 mm <sup>2</sup> |

##### Endurance

|                                                                   |        |
|-------------------------------------------------------------------|--------|
| Number of mechanical operations                                   | 200000 |
| Electrical durability at nominal load in AC21 in operating cycles | 25000  |
| Electrical durability at nominal load in AC22 in operating cycles | 25000  |

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|                                               |                  |
|-----------------------------------------------|------------------|
| <b>Power</b>                                  |                  |
| Total power loss under IN                     | 1,80 W           |
| Power loss per pole at In                     | 0,90 W           |
| <b>Connectivity</b>                           |                  |
| Down connection alignment for modular devices | Shifted terminal |
| Top connection alignment for modular devices  | Shifted terminal |
| <b>Sustainability</b>                         |                  |
| REACH-SVHC free                               | Yes              |
| RoHS conform                                  | Yes              |