



SFT125

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

Technical properties

Architecture

| | |
|------------------|-----------------|
| Number of poles | 1 |
| Neutral position | Without neutral |
| Type of pole | 1P |

Electric current

| | |
|---|---------|
| Rated current | 25 A |
| Breaking capacity 400 V AC23A | 529 A |
| Rated conditional short-circuit current I _{cc} 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 _{cm} under 240 V AC according to IEC 60947-3 | 0,52 kA |
| Rated short-time withstand current I _{cw} 1s IEC 60947 | 0,37 kA |

Installation, mounting

| | |
|---|----------------|
| Nominal tightening torque | 1,80 - 1,80 Nm |
| Type of bottom connection for modular devices | Screw terminal |

Voltage

| | |
|--|-------------|
| Rated operational voltage U _e | 230 - 230 V |
| Type voltage supply | AC |
| Rated insulation voltage U _i | 440 V |
| Rated impulse withstand voltage U _{imp} | 4000 V |

Capacity

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

Safety

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

Frequency

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

Dimensions

| | |
|--------|----------|
| Height | 83 mm |
| Width | 17,50 mm |

Depth

70 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 ² |
| Cross-section rigid conductor | 1.5 - 16 mm ² |

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 |

Power

| | |
|---------------------------|--------|
| Total power loss under IN | 0,90 W |
| Power loss per pole at In | 0,90 W |

Connectivity

| | |
|--|------------------|
| Down connection alignment for modular devices | Shifted terminal |
| Top connection alignment for modular devices | Shifted terminal |