



SFT440

## 4-pole, 40A Centre Off Modular Changeover Switch with Top Common Point

### Technical properties

#### Architecture

|                  |                 |
|------------------|-----------------|
| Number of poles  | 4               |
| Neutral position | Without neutral |
| Type of pole     | 4P              |

#### Electric current

|   |         |
|---|---------|
| Rated current   | 40 A    |
| Breaking capacity 400 V AC23A   | 846 A   |
| Rated conditional short-circuit current I <sub>cc</sub> with gl-gG fuses                    | 0,60 kA |
| Acceptable current rating AC21 category A   | 40 A    |
| Acceptable current rating AC21 category B   | 40 A    |
| Acceptable current rating AC22 category A   | 40 A    |
| Acceptable current rating AC22 category B   | 40 A    |
| Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3 | 0,48 kA |
| Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947                             | 0,60 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 <sub>e</sub>         | 400 - 400 V |
| Type voltage supply                              | AC          |
| Rated insulation voltage U <sub>i</sub>          | 440 V       |
| Rated impulse withstand voltage U <sub>imp</sub> | 4000 V      |

#### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

#### Safety

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

#### Frequency

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

#### Dimensions

|        |       |
|--------|-------|
| Height | 83 mm |
| Width  | 70 mm |

Depth

71 mm

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**Equipment**

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

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**Use conditions**

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

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**Connection**

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

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**Endurance**

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

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**Power**

|                           |        |
|---------------------------|--------|
| Total power loss under IN | 8,40 W |
| Power loss per pole at In | 2,10 W |

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**Connectivity**

|  |                  |
|--|------------------|
| Down connection alignment for modular<br>devices | Shifted terminal |
| Top connection alignment for modular<br>devices  | Shifted terminal |