



SFT140

## 1-pole, 40A 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	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 240 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>	230 - 230 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	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 <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

---

**Power**

Total power loss under IN	2,10 W
Power loss per pole at In	2,10 W

---

**Connectivity**

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