



Main

Range of product	ISFT100
Range	FuPact
Product name	Fupact ISFT
Device short name	ISFT100
Product or component type	Fuse-switch disconnecter
Device application	Equipment protection, monitoring and control Distribution

Complementary

Poles description	3P
Protected poles description	3f
Fuse type	DIN
Fuse size	NH000
Network type	AC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
[I _{th}] conventional free air thermal current	100 A (40 °C) power dissipation per fuse: 9 W horizontal 100 A (40 °C) power dissipation per fuse: 9 W vertical 95 A (45 °C) power dissipation per fuse: 8.92 W horizontal 95 A (45 °C) power dissipation per fuse: 8.92 W vertical 90 A (50 °C) power dissipation per fuse: 8.85 W horizontal 90 A (50 °C) power dissipation per fuse: 8.85 W vertical 85 A (55 °C) power dissipation per fuse: 8.77 W horizontal 85 A (55 °C) power dissipation per fuse: 8.77 W vertical 80 A (60 °C) power dissipation per fuse: 8.7 W horizontal 80 A (60 °C) power dissipation per fuse: 8.7 W vertical 75 A (65 °C) power dissipation per fuse: 8 W horizontal 75 A (65 °C) power dissipation per fuse: 8 W vertical 70 A (70 °C) power dissipation per fuse: 7.3 W horizontal 70 A (70 °C) power dissipation per fuse: 7.3 W vertical
[I _{the}] conventional enclosed thermal current	100 A at 40 °C, Power dissipation per fuse: 9 W
Rated duty	Uninterrupted
[U _i] rated insulation voltage	800 V AC 50/60 Hz 800 V DC
[U _{imp}] rated impulse withstand voltage	6 kV
[U _e] rated operational voltage	800 V AC 50/60 Hz AC-20 800 V DC DC-20
[I _e] rated operational current	AC-21B: 100 A AC 50/60 Hz 440/480 V AC-21B: 100 A AC 50/60 Hz 500 V AC-21B: 100 A AC 50/60 Hz 660/690 V AC-21B: 100 A AC 50/60 Hz 220/240 V AC-21B: 100 A AC 50/60 Hz 380/415 V AC-22B: 100 A AC 50/60 Hz 220/240 V AC-22B: 100 A AC 50/60 Hz 380/415 V DC-21B: 100 A DC 220 V 3 poles in series DC-21B: 100 A DC 440 V 3 poles in series

[Im] rated making and breaking capacity	Icn 80000 A at 415 V Icn 50000 A at 500 V Icn 50000 A at 690 V In 100 A at 415 V In 100 A at 500 V In 100 A at 690 V
Suitability for isolation	Yes
Visible break	Yes
Contact operation	Single-break
Mechanical durability	2000 cycles
Electrical durability	AC-21B: 300 cycles 690 V AC 50/60 Hz AC-22B: 300 cycles 415 V AC 50/60 Hz
Electrical shock protection class	Class II front face
Colour code	RAL 7016 handle RAL 7035 chassis
Mounting position	Vertical Horizontal
Mounting mode	Fixed
Mounting support	DIN rail, with specific accessories Mounting plate
Mounting location	Side by side
Design	Horizontal design
Connections terminals	Screw clamp terminals
Connections - terminals	Screw clamp terminals upstream 100 A 1.5...50 mm ² Screw clamp terminals downstream 100 A 1.5...50 mm ²
Tightening torque	3 N.m for terminal

Environment

Height	141 mm
Width	89 mm
Depth	71 mm
Standards	EN/IEC 60947-1 IEC 60269-2 EN/IEC 60947-3
Product certifications	EAC CCC CE
IP degree of protection	IP3x conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	505 g
Package 1 Height	8.5 cm
Package 1 width	9.9 cm
Package 1 Length	17.4 cm
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Weight	6.5 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P12
Number of Units in Package 3	192
Package 3 Weight	108.96 kg
Package 3 Height	105 cm

Package 3 width	80 cm
Package 3 Length	120 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins