



Main

Range of product	ISFT250
Range	Fupact
Product name	Fupact ISFT
Device short name	ISFT250
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	NH1
Network type	AC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
[I _{th}] conventional free air thermal current	250 A (40 °C) power dissipation per fuse: 23 W horizontal 250 A (40 °C) power dissipation per fuse: 23 W vertical 238 A (45 °C) power dissipation per fuse: 22.3 W horizontal 238 A (45 °C) power dissipation per fuse: 22.3 W vertical 225 A (50 °C) power dissipation per fuse: 21.6 W horizontal 225 A (50 °C) power dissipation per fuse: 21.6 W vertical 213 A (55 °C) power dissipation per fuse: 20.9 W horizontal 213 A (55 °C) power dissipation per fuse: 20.9 W vertical 200 A (60 °C) power dissipation per fuse: 20.2 W horizontal 200 A (60 °C) power dissipation per fuse: 20.2 W vertical 188 A (65 °C) power dissipation per fuse: 19.5 W horizontal 188 A (65 °C) power dissipation per fuse: 19.5 W vertical 175 A (70 °C) power dissipation per fuse: 18.8 W horizontal 175 A (70 °C) power dissipation per fuse: 18.8 W vertical
[I _{the}] conventional enclosed thermal current	250 A at 40 °C, Power dissipation per fuse: 23 W
Rated duty	Uninterrupted
[U _i] rated insulation voltage	1000 V AC 50/60 Hz 1000 V DC
[U _{imp}] rated impulse withstand voltage	8 kV

[Ue] rated operational voltage	800 V AC 50/60 Hz AC-20 800 V DC DC-20
[Ie] rated operational current	AC-21B: 250 A AC 50/60 Hz 220/240 V AC-21B: 250 A AC 50/60 Hz 380/415 V AC-21B: 250 A AC 50/60 Hz 440/480 V AC-21B: 250 A AC 50/60 Hz 500 V AC-21B: 250 A AC 50/60 Hz 660/690 V AC-22B: 250 A AC 50/60 Hz 220/240 V AC-22B: 250 A AC 50/60 Hz 380/415 V AC-22B: 250 A AC 50/60 Hz 440/480 V AC-22B: 250 A AC 50/60 Hz 500 V AC-22B: 250 A AC 50/60 Hz 660/690 V AC-23B: 250 A AC 50/60 Hz 220/240 V AC-23B: 250 A AC 50/60 Hz 380/415 V DC-21B: 250 A DC 220 V 3 poles in series DC-21B: 250 A DC 440 V 3 poles in series DC-22B: 250 A DC 220 V 3 poles in series
[Im] rated making and breaking capacity	Icn 80000 A at 415 V Icn 80000 A at 500 V Icn 80000 A at 690 V Icm 15000 A at 415 V Icm 15000 A at 500 V Icm 15000 A at 690 V In 250 A at 415 V In 250 A at 500 V In 250 A at 690 V
Suitability for isolation	Yes
Visible break	Yes
Contact operation	Single-break
Mechanical durability	1600 cycles
Electrical durability	AC-21B: 200 cycles 690 V AC 50/60 Hz AC-23B: 200 cycles 415 V AC 50/60 Hz AC-22B: 200 cycles 690 V AC 50/60 Hz
Electrical shock protection class	Class II front face
Colour code	RAL 7016 handle RAL 7035 chassis
Provision for padlocking	Lead seal
Mounting position	Vertical Horizontal
Mounting mode	Fixed
Mounting support	Mounting plate
Mounting location	Side by side
Design	Horizontal design
Connections terminals	Screw connection
Connections - terminals	Screw connection upstream M10 250 A Screw connection downstream M10 250 A
Tightening torque	12 N.m for terminal

Environment

Height	306 mm
Width	184 mm
Depth	110 mm
Standards	EN/IEC 60947-3 IEC 60269-2 EN/IEC 60947-1
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
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Offer Sustainability

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 Pro-active China RoHS declaration (out of China RoHS legal scope)