



Main

Range of product	ISFT250...630
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 DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
[I _{th}] conventional free air thermal current	175 A (70 °C) horizontal 175 A (70 °C) vertical 188 A (65 °C) horizontal 188 A (65 °C) vertical 200 A (60 °C) horizontal 200 A (60 °C) vertical 213 A (55 °C) horizontal 213 A (55 °C) vertical 225 A (50 °C) horizontal 225 A (50 °C) vertical 238 A (45 °C) horizontal 238 A (45 °C) vertical 250 A (40 °C) power dissipation per fuse: 23 W 250 A (40 °C) horizontal 250 A (40 °C) vertical
[I _{the}] conventional enclosed thermal current	250 A (40 °C) / Power dissipation per fuse: 23 W
Rated duty	Uninterrupted
[U _i] rated insulation voltage	800 V AC 50/60 Hz 800 V DC

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Uimp] rated impulse withstand voltage	8 kV
[Ue] rated operational voltage	440 V DC 690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20 800 V DC DC-20
[Ie] rated operational current	250 A AC-21B 220/240 V AC 50/60 Hz 250 A AC-21B 380/415 V AC 50/60 Hz 250 A AC-21B 440/480 V AC 50/60 Hz 250 A AC-21B 500 V AC 50/60 Hz 250 A AC-21B 660/690 V AC 50/60 Hz 250 A AC-22B 220/240 V AC 50/60 Hz 250 A AC-22B 380/415 V AC 50/60 Hz 250 A DC-21B 125 V DC 1 pole 250 A DC-21B 220 V DC 1 pole 250 A DC-21B 440 V DC 2 poles in series
[Im] rated making and breaking capacity	Icm 105 kA 415 V Icm 105 kA 500 V Icm 105 kA 690 V Icn 50 kA 415 V Icn 50 kA 500 V Icn 50 kA 690 V
Suitability for isolation	Yes
Visible break	Yes
Contact operation	Single-break
Mechanical durability	1600 cycles
Electrical durability	200 cycles 690 V AC 50/60 Hz AC-21B 200 cycles 415 V AC 50/60 Hz AC-22B
Provision for padlocking	3 padlocks
Mounting support	Busbars
Mounting support	Busbars
Mounting location	Side by side
Design	Horizontal design
Connections - terminals	Push-on 250 A busbar 60 mm

Environment

Height	246 mm
Width	186 mm
Depth	110 mm
Standards	IEC 60269-2-1 EN/IEC 60947-3 EN/IEC 60947-1
Product certifications	KEMA-KEUR
IP degree of protection	IP20 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
Compatibility code	ISFT250...630

Contractual warranty

Warranty period	18 months
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