



Main

Range of product	ISFT250...630
Range	Fupact
Product name	Fupact ISFT
Device short name	ISFT630
Product or component type	Fuse-switch disconnecter
Device application	Distribution Equipment protection, monitoring and control

Complementary

Poles description	3P
Protected poles description	3f
Fuse type	DIN
Fuse size	NH3
Network type	AC DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
[I _{th}] conventional free air thermal current	441 A (70 °C) horizontal 441 A (70 °C) vertical 473 A (65 °C) horizontal 473 A (65 °C) vertical 504 A (60 °C) horizontal 504 A (60 °C) vertical 536 A (55 °C) horizontal 536 A (55 °C) vertical 567 A (50 °C) horizontal 567 A (50 °C) vertical 599 A (45 °C) horizontal 599 A (45 °C) vertical 630 A (40 °C) power dissipation per fuse: 48 W 630 A (40 °C) horizontal 630 A (40 °C) vertical
[I _{the}] conventional enclosed thermal current	630 A (40 °C) / Power dissipation per fuse: 48 W
Rated duty	Uninterrupted
[U _i] rated insulation voltage	800 V AC 50/60 Hz 800 V DC

[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	630 A AC-21B 220/240 V AC 50/60 Hz 630 A AC-21B 380/415 V AC 50/60 Hz 630 A AC-21B 440/480 V AC 50/60 Hz 630 A AC-21B 500 V AC 50/60 Hz 630 A AC-21B 660/690 V AC 50/60 Hz 630 A AC-22B 220/240 V AC 50/60 Hz 630 A AC-22B 380/415 V AC 50/60 Hz 630 A DC-21B 125 V DC 1 pole 630 A DC-21B 220 V DC 1 pole 630 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	1000 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	Hook-on
Connections - terminals	Hook-on 630 A busbar 100 mm

Environment

Height	271 mm
Width	250 mm
Depth	132 mm
Standards	EN/IEC 60947-1 EN/IEC 60947-3 IEC 60269-2-1
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
-----------------	-----------