



Main

Range of product	ISFT160
Range	Fupact
Product name	Fupact ISFT
Device short name	ISFT160
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	NH000 NH00
Network type	AC DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
[I _{th}] conventional free air thermal current	112 A (70 °C) horizontal 112 A (70 °C) vertical 120 A (65 °C) horizontal 120 A (65 °C) vertical 128 A (60 °C) horizontal 128 A (60 °C) vertical 136 A (55 °C) horizontal 136 A (55 °C) vertical 144 A (50 °C) horizontal 144 A (50 °C) vertical 152 A (45 °C) horizontal 152 A (45 °C) vertical 160 A (40 °C) power dissipation per fuse: 12 W 160 A (40 °C) horizontal 160 A (40 °C) vertical
[I _{th}] conventional enclosed thermal current	160 A (40 °C) / Power dissipation per fuse: 12 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	100 A AC-21B 660/690 V AC 50/60 Hz 160 A AC-21B 220/240 V AC 50/60 Hz 160 A AC-21B 380/415 V AC 50/60 Hz 160 A AC-22B 220/240 V AC 50/60 Hz 160 A AC-22B 380/415 V AC 50/60 Hz 160 A AC-21B 440/480 V AC 50/60 Hz 160 A AC-21B 500 V AC 50/60 Hz 160 A DC-21B 125 V DC 1 pole 160 A DC-21B 220 V DC 1 pole 160 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	Mounting plate
Mounting support	Mounting plate
Mounting location	Side by side
Design	Horizontal design
Connections terminals	Screw clamp terminals
Connections - terminals	Screw clamp terminals 160 A cable 1.5...50 mm ²
Tightening torque	Terminal : 4 N.m

Environment

Height	163 mm
Width	107 mm
Depth	80 mm
Standards	IEC 60269-2-1 EN/IEC 60947-1 EN/IEC 60947-3
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	ISFT160

Contractual warranty

Warranty period	18 months
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