



### Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT100
Product or component type	Fuse-switch disconnecter
Device application	Distribution Equipment protection, monitoring and control
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH000
Suitability for isolation	Yes
Visible break	Yes
[Ith] conventional free air thermal current	100 A ( 40 °C ) power dissipation per fuse: 9 W 100 A ( 40 °C ) horizontal 100 A ( 40 °C ) vertical 70 A ( 70 °C ) horizontal 70 A ( 70 °C ) vertical 75 A ( 65 °C ) horizontal 75 A ( 65 °C ) vertical 80 A ( 60 °C ) horizontal 80 A ( 60 °C ) vertical 85 A ( 55 °C ) horizontal 85 A ( 55 °C ) vertical 90 A ( 50 °C ) horizontal 90 A ( 50 °C ) vertical 95 A ( 45 °C ) horizontal 95 A ( 45 °C ) vertical
[Ithe] conventional enclosed thermal current	160 A at 40 °C, Power dissipation per fuse: 9 W 100 A at 40 °C, Power dissipation per fuse: 9 W
[Ue] rated operational voltage	440 V DC 690 V AC 50/60 Hz 690 V AC 50/60 Hz AC-20 690 V DC DC-20
[Ui] rated insulation voltage	690 V AC 50/60 Hz 690 V DC
[Uimp] rated impulse withstand voltage	6 kV
[Ie] rated operational current	AC-21B: 100 A at 440/480 V AC 50/60 Hz AC-21B: 100 A at 500 V AC 50/60 Hz AC-21B: 100 A at 660/690 V AC 50/60 Hz AC-21B: 160 A at 220/240 V AC 50/60 Hz AC-21B: 160 A at 380/415 V AC 50/60 Hz AC-22B: 160 A at 220/240 V AC 50/60 Hz AC-22B: 160 A at 380/415 V AC 50/60 Hz DC-21B: 100 A at 125 V DC (1 pole) DC-21B: 100 A at 220 V DC (1 pole) DC-21B: 100 A at 440 V DC (1 pole)

## Complementary

[Icm] Rated short-circuit making capacity	Icm 105 kA at 500 V Icm 105 kA at 690 V Icm 176 kA at 415 V Icn 50 kA at 500 V Icn 50 kA at 690 V Icn 80 kA at 415 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Provision for padlocking	3 padlocks
Mounting support	DIN rail, with specific accessories Mounting plate
Mounting location	Side by side
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
Connections - terminals	Screw clamp terminals 100 A 1.5...50 mm <sup>2</sup>
Tightening torque	3 N.m for terminal
Width	89 mm
Height	141 mm
Depth	71 mm
Standards	IEC 60269-2-1 EN/IEC 60947-3 EN/IEC 60947-1
Product certifications	KEMA-KEUR

## Environment

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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.4 cm
Package 1 Width	9 cm
Package 1 Length	15.5 cm
Package 1 Weight	467 g

## Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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