

Product data sheet

Specifications



Fuse switch disconnecter, FuPacT
ISFT100, 100A, DIN NH000, 3
poles, backplate mounting, 1.5mm²
to 50mm² cable connectors

LV480800

Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT100
Product or component type	Fuse-switch disconnecter
Device application	Equipment protection, monitoring and control Distribution
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH000
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[Ith] conventional free air thermal current	100 A (40 °C) power dissipation per fuse: 9 W
[Ithe] conventional enclosed thermal current	100 A at 40 °C, Power dissipation per fuse: 9 W
Maximum power dissipation per pole	11 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 440 V DC 800 V AC 50/60 Hz AC-20 800 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 220/240 V AC 50/60 Hz AC-21B: 100 A at 380/415 V AC 50/60 Hz 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-22B: 100 A at 220/240 V AC 50/60 Hz AC-22B: 100 A at 380/415 V AC 50/60 Hz DC-21B: 100 A at 220 V DC (3 poles in series) DC-21B: 100 A at 440 V DC (3 poles in series)

Complementary

[Iq] Breaking capacity with fuses (kA RMS)	80 kA at 415 V (AC) 80 kA at 500 V (AC) 25 kA at 690 V (AC)
[Icw] rated short-time withstand current	3 kA for 1 s

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

[Icm] Rated short-circuit making capacity	4.4 kA at 690 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Provision for padlocking	Lead seal
Mounting position	Vertical Horizontal
Mounting mode	Fixed
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 500 V AC 50/60 Hz AC-22B: 300 cycles 415 V AC 50/60 Hz
Connections - terminals	Screw clamp terminals upstream 100 A 1.5...50 mm² Screw clamp terminals downstream 100 A 1.5...50 mm²
Tightening torque	3 N.m for terminal
Width	89 mm
Height	141 mm
Depth	71 mm
Net weight	0.46 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE CCC EAC

Environment

Electrical shock protection class	Class II front face
IP degree of protection	IP3x front face: 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	-20...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	8.5 cm
Package 1 Width	9.9 cm
Package 1 Length	17.4 cm
Package 1 Weight	505 g
Unit Type of Package 2	S03
Number of Units in Package 2	12

Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.5 kg
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	105 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	129.306 kg

Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance

 Reach Free Of Svhc	
 Toxic Heavy Metal Free	
 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations