

Product datasheet

Specifications



Fuse switch disconnecter, FuPacT
ISFT100N, 100 A, DIN NH000, 3
poles, 60 mm busbars mounting,
downstream distribution

LV480752

EAN Code: 3606480070648

Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT100N
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	1000 V AC 50/60 Hz 1000 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 AC-22B: 100 A at 440/480 V AC 50/60 Hz AC-22B: 100 A at 500 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) DC-22B: 100 A at 220 V DC (3 poles in series) DC-22B: 100 A at 440 V DC (3 poles in series)

Complementary

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

[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	3.6 kA for 1 s
[Icm] Rated short-circuit making capacity	5.2 kA at 690 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Provision for padlocking	Lead seal
Mounting position	Vertical Horizontal
Cable entry	Bottom
Mounting support	Backplate Busbars DIN rail with accessory
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 500 V AC 50/60 Hz AC-23B: 300 cycles 415 V AC 50/60 Hz
Connections - terminals	Cable connectors downstream 2.5...50 mm²
Tightening torque	4.5 N.m for terminal
Width	53 mm
Height	216 mm
Depth	80 mm
Net weight	0.54 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	7.000 cm
Package 1 Width	14.000 cm

Package 1 Length	23.500 cm
Package 1 Weight	631.600 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.979 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins