

Product datasheet

Specifications



fuse switch disconnecter. FuPacT ISFT100N. 100 A. DIN NH000. 3 poles. backplate mounting. 2.5 to 50 mm² cable connectors

LV480750

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

Price: 2,278.45 ZAR

Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT100N
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 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)

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	3.6 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
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 mm ² Cable connectors upstream 2.5...50 mm ²
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	14.500 cm

Package 1 Length	24.000 cm
Package 1 Weight	528.100 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	6.749 kg

Contractual warranty

Warranty (in months)	18
-----------------------------	----



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 **Yes**

[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