

Product data sheet

Specifications



fuse switch disconnecter body ISFL 3P 3 F - DIN NH - 160 A

49840

⚠ Discontinued on: 13 Nov 2017

⚠ Discontinued

Main

Range	FuPact
Product name	FuPacT ISFL
Device short name	ISFL160
Product or component type	Fuse-switch disconnecter
Device application	Protection
Signalling function	Separated fuse monitor
Poles description	1 x 3P switchable
Fuse type	DIN
Fuse size	NH000 NH00
Suitability for isolation	Yes
Visible break	Yes
[Ith] 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
[Ithe] conventional enclosed thermal current	160 A at 40 °C, Power dissipation per fuse: 12 W
[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
[Ui] rated insulation voltage	800 V AC 50/60 Hz 800 V DC
[Uimp] rated impulse withstand voltage	8 kV
[Ie] rated operational current	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-21B: 160 A at 440/480 V AC 50/60 Hz AC-21B: 160 A at 500 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

Complementary

[Icm] Rated short-circuit making capacity	Icm 105 A at 415 V Icm 105 A at 500 V Icm 105 A at 690 V Icn 50 A at 415 V Icn 50 A at 500 V Icn 50 A at 690 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Mounting support	Busbars
Contact operation	Single-break
Mechanical durability	1600 cycles
Electrical durability	AC-21B: 200 cycles 690 V AC 50/60 Hz AC-22B: 200 cycles 415 V AC 50/60 Hz
Tightening torque	14 N.m
Width	50 mm
Height	456 mm
Depth	159 mm
Standards	EN/IEC 60947-3 EN/IEC 60947-1 IEC 60269-2-1
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

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 Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product in real life situation

