

# Product data sheet

Specifications



## fuse switch disconnecter body ISFL-3 poles 3 F - DIN - NH - 630 A

49846

⚠ Discontinued on: 13 Nov 2017

⚠ Discontinued

### Main

Range	FuPact
Product name	FuPacT ISFL
Device short name	ISFL630
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	NH3
Suitability for isolation	Yes
Visible break	Yes
[Ith] conventional free air thermal current	441 A ( 70 °C ) vertical 473 A ( 65 °C ) vertical 504 A ( 60 °C ) vertical 536 A ( 55 °C ) vertical 567 A ( 50 °C ) vertical 599 A ( 45 °C ) vertical 630 A ( 40 °C ) power dissipation per fuse: 48 W 630 A ( 40 °C ) vertical
[Ithe] conventional enclosed thermal current	630 A at 40 °C, Power dissipation per fuse: 48 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: 630 A at 220/240 V AC 50/60 Hz AC-21B: 630 A at 380/415 V AC 50/60 Hz AC-21B: 630 A at 440/480 V AC 50/60 Hz AC-21B: 630 A at 500 V AC 50/60 Hz AC-21B: 630 A at 660/690 V AC 50/60 Hz AC-22B: 630 A at 220/240 V AC 50/60 Hz AC-22B: 630 A at 380/415 V AC 50/60 Hz

### Complementary

<b>[Icm] Rated short-circuit making capacity</b>	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
<b>Rated duty</b>	Uninterrupted
<b>Control type</b>	Fuse carriers handle
<b>Mounting support</b>	Busbars
<b>Contact operation</b>	Single-break
<b>Mechanical durability</b>	1000 cycles
<b>Electrical durability</b>	AC-21B: 200 cycles 690 V AC 50/60 Hz AC-22B: 200 cycles 415 V AC 50/60 Hz
<b>Tightening torque</b>	40 N.m
<b>Width</b>	100 mm
<b>Height</b>	755 mm
<b>Depth</b>	192 mm
<b>Standards</b>	EN/IEC 60947-3 IEC 60269-2-1 EN/IEC 60947-1
<b>Product certifications</b>	KEMA-KEUR

## Environment

<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>IK degree of protection</b>	IK07 conforming to EN 50102
<b>Pollution degree</b>	3 conforming to IEC 60947
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Contractual warranty

<b>Warranty (in months)</b>	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