

# Product datasheet

Specifications



fuse switch disconnecter. FuPacT ISFL160. 160A. 3 poles switchable. connection to 100mm busbars. 95mm<sup>2</sup> terminals

LV480853

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

**Price: 3,566.79 ZAR**

## Main

Range	FuPacT
Product name	FuPacT ISFL
Device short name	ISFL160
Product or component type	Fuse-switch disconnecter
Device application	Equipment protection, monitoring and control Distribution
Signalling function	Separated fuse monitor
Poles description	1 x 3P switchable
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH00 NH000
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[Ith] conventional free air thermal current	160 A ( 40 °C ) power dissipation per fuse: 12 W
[Ithe] conventional enclosed thermal current	160 A at 40 °C, Power dissipation per fuse: 12 W
Maximum power dissipation per pole	19 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 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	8 kV
[Ie] rated operational current	AC-22B: 160 A at 220/240 V AC 50/60 Hz AC-22B: 160 A at 380/415 V AC 50/60 Hz AC-22B: 160 A at 440/480 V AC 50/60 Hz AC-22B: 160 A at 500 V AC 50/60 Hz AC-22B: 100 A at 660/690 V AC 50/60 Hz AC-23B: 160 A at 220/240 V AC 50/60 Hz AC-23B: 160 A at 380/415 V AC 50/60 Hz

## Complementary

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

<b>[Iq] Breaking capacity with fuses (kA RMS)</b>	100 kA at 415 V (AC) 100 kA at 500 V (AC) 100 kA at 690 V (AC)
<b>[Icw] rated short-time withstand current</b>	5 kA for 1 s
<b>[Icm] Rated short-circuit making capacity</b>	7.65 kA at 690 V
<b>Rated duty</b>	Uninterrupted
<b>Control type</b>	Fuse carriers handle
<b>Provision for padlocking</b>	3 padlocks
<b>Mounting position</b>	Horizontal Vertical
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	Busbars
<b>Mounting location</b>	One above the other
<b>Contact operation</b>	Single-break
<b>Mechanical durability</b>	1400 cycles
<b>Electrical durability</b>	AC-21B: 200 cycles 690 V AC 50/60 Hz AC-22B: 200 cycles 500 V AC 50/60 Hz AC-23B: 200 cycles 415 V AC 50/60 Hz
<b>Connections - terminals</b>	Cable connectors 95 mm <sup>2</sup>
<b>Tightening torque</b>	14 N.m
<b>Width</b>	50 mm
<b>Height</b>	405 mm
<b>Depth</b>	123 mm
<b>Net weight</b>	1.3 kg
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-3
<b>Product certifications</b>	CE CCC EAC

## Environment

<b>Electrical shock protection class</b>	Class II front face
<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>	-20...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.6 cm
<b>Package 1 Width</b>	15.0 cm
<b>Package 1 Length</b>	44.5 cm

---

<b>Package 1 Weight</b>	1.312 kg
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	11
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	40.0 cm
<b>Package 2 Length</b>	60.0 cm
<b>Package 2 Weight</b>	15.198 kg

---

## **Contractual warranty**

---

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