

Product datasheet

Specifications



fuse switch disconnecter, Fupact
ISFL160, 160 A, switchable fixed
front connected, 100 mm busbars
mounting, 3 poles

LV480852

EAN Code: 3606480341106

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	NH000 NH00
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

[Iq] Breaking capacity with fuses (kA RMS)	100 kA at 415 V (AC) 100 kA at 500 V (AC) 100 kA at 690 V (AC)
[Icw] rated short-time withstand current	5 kA for 1 s

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

[Icm] Rated short-circuit making capacity	7.65 kA at 690 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Provision for padlocking	3 padlocks
Mounting position	Horizontal Vertical
Mounting mode	Fixed
Mounting support	Busbars
Mounting location	One above the other
Contact operation	Single-break
Mechanical durability	1400 cycles
Electrical durability	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
Connections - terminals	M8 terminals
Tightening torque	14 N.m
Width	50 mm
Height	405 mm
Depth	123 mm
Net weight	1.3 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	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	-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	5.500 cm
Package 1 Width	15.000 cm
Package 1 Length	43.000 cm
Package 1 Weight	1.253 kg
Unit Type of Package 2	S04
Number of Units in Package 2	11
Package 2 Height	30.000 cm

Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	14.485 kg

Logistical informations

Country of origin	DE
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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

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