

Product datasheet

Specifications



fuse switch disconnecter. FuPacT ISFL160. 160A. 3 poles switchable. connection to 100mm busbars. 95mm² terminals

LV480853

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

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

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

[Icw] Rated Short-Time Withstand Current	5 kA for 1 s
[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	Direct connection upstream 160 A 100 mm Screw clamp terminals downstream 160 A 95 mm²
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	5.6 cm
Package 1 Width	15.0 cm
Package 1 Length	44.5 cm
Package 1 Weight	1.312 kg
Unit Type Of Package 2	S04

Number Of Units In Package 2	11
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	15.198 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations