

Product datasheet

Specifications



fuse switch disconnectors. FuPacT ISFL160. 160A. 1 pole switchable. connection to 185mm busbars. M12 screws

LV480900

Price: 6,672.40 ZAR

Main

Range	FuPacT
Product Name	FuPacT ISFL
Device Short Name	ISFL160
Product Or Component Type	Fuse-switch disconnectors
Device Application	Equipment protection, monitoring and control Distribution
Signalling Function	Separated fuse monitor
Poles Description	3 x 1P 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)
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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	Screw connection downstream M8 160 A Direct connection upstream 160 A 185 mm
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	7.000 cm
Package 1 Width	19.000 cm
Package 1 Length	76.400 cm
Package 1 Weight	2.979 kg
Unit Type Of Package 2	P12

Number Of Units In Package 2	50
Package 2 Height	50.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	160.950 kg

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
Circularity Profile	No need of specific recycling operations