

Product datasheet

Specifications



ISFL630 direct 185mm busbar screws M12 - fuse switch-disconnector

LV480865

⚠ Discontinued on: 9 Feb 2023

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EAN Code: 3606480341236

Main

Range	FuPacT
Product name	FuPacT ISFL
Device short name	ISFL630
Product or component type	Fuse-switch disconnector
Device application	Equipment protection, monitoring and control Distribution
Signalling function	Integrated fuse monitor
Poles description	1 x 3P switchable
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH3
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[Ith] conventional free air thermal current	630 A (40 °C) power dissipation per fuse: 48 W
[Ithe] conventional enclosed thermal current	630 A at 40 °C, Power dissipation per fuse: 48 W
Maximum power dissipation per pole	85 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-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 AC-22B: 630 A at 440/480 V AC 50/60 Hz AC-22B: 630 A at 500 V AC 50/60 Hz AC-23B: 630 A at 220/240 V AC 50/60 Hz AC-23B: 630 A at 380/415 V AC 50/60 Hz

Complementary

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

[Iq] Breaking capacity with fuses (kA RMS)	120 kA at 415 V (AC) 120 kA at 500 V (AC) 120 kA at 690 V (AC)
[Icw] rated short-time withstand current	25 kA for 1 s
[Icm] Rated short-circuit making capacity	52.5 kA at 690 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Provision for padlocking	3 padlocks
Mounting position	Vertical
Mounting mode	Fixed
Mounting support	Busbars
Mounting location	One above the other
Contact operation	Single-break
Mechanical durability	800 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 M12 630 A Direct connection upstream 630 A 185 mm
Tightening torque	40 N.m
Width	100 mm
Height	741 mm
Depth	190 mm
Product weight	5.6 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	11.400 cm
Package 1 Width	23.800 cm
Package 1 Length	79.300 cm

Package 1 Weight	6.127 kg
Unit Type of Package 2	P12
Number of Units in Package 2	20
Package 2 Height	117.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	134.540 kg

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
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

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