

Product data sheet

Specifications



Fuse switch disconnecter, FuPacT ISFL160, 160A, 3 poles switchable, connection to 60mm busbars, 95mm² terminals

LV480851

Main

Range	FuPacT
Product name	FuPacT ISFL
Product or component type	Fuse-switch disconnecter
Device application	Protection
Signalling function	Separated fuse monitor

Complementary

Poles description	1 x 3P switchable
Protected poles description	1 x 3f
Fuse type	DIN
Fuse size	NH00 NH000
Network type	AC DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
Provision for padlocking	Padlockable
Mounting support	Busbars
Mounting mode	Vertical
Mounting location	One above the other
[Ie] rated operational current	AC-22B: 160 A AC 50/60 Hz 220/240 V AC-22B: 160 A AC 50/60 Hz 380/415 V AC-22B: 160 A AC 50/60 Hz 440/480 V AC-22B: 160 A AC 50/60 Hz 500 V AC-22B: 100 A AC 50/60 Hz 660/690 V AC-23B: 160 A AC 50/60 Hz 220/240 V AC-23B: 160 A AC 50/60 Hz 380/415 V
[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	19 W
Rated duty	Uninterrupted
[Ui] rated insulation voltage	1000 V AC 50/60 Hz 1000 V DC

[Uimp] rated impulse withstand voltage	8 kV
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Im] rated making and breaking capacity	Icm 7.65 kA at 690 V
Suitability for isolation	Yes conforming to IEC EN 60947-3
Contact position indicator	No
Visible break	Yes
Contact operation	Single-break

Environment

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
[Icw] rated short-time withstand current	5 kA for 1 s
Electrical shock protection class	Class II front face
Design	Vertical design
Connections terminals	Hook-on and screw clamp terminals
Connections - terminals	Hook-on upstream 160 A 60 mm Screw clamp terminals downstream 160 A 95 mm²
Tightening torque	14 N.m
Height	405 mm
Width	50 mm
Depth	123 mm
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	IEC CCC EAC
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	-25...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 Weight	1.302 kg
Package 1 Height	5.5 cm
Package 1 width	15 cm
Package 1 Length	44.5 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	1

Package 2 Weight	1.4 kg
Package 2 Height	8.5 cm
Package 2 width	12 cm
Package 2 Length	44 cm
Unit Type of Package 3	S04
Number of Units in Package 3	11
Package 3 Weight	15.4 kg
Package 3 Height	30 cm
Package 3 width	40 cm
Package 3 Length	60 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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