

Product Datasheet

Characteristic

LV480856

Fuse switch disconnecter, FuPacT ISFL250, 250A, 3P (3 poles switchable), connection to 185mm busbars, M12 screws



Main

Range	FuPacT
Product name	FuPacT ISFL
Device short name	ISFL250
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	NH1
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[I _{th}] conventional free air thermal current	250 A (40 °C) power dissipation per fuse: 23 W
[I _{the}] conventional enclosed thermal current	250 A at 40 °C, Power dissipation per fuse: 23 W
Maximum power dissipation per pole	32 W
[U _e] rated operational voltage	690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20 800 V DC DC-20
[U _i] rated insulation voltage	1000 V AC 50/60 Hz 1000 V DC
[U _{imp}] rated impulse withstand voltage	8 kV
[I _e] rated operational current	AC-21B: 250 A at 220/240 V AC 50/60 Hz AC-21B: 250 A at 380/415 V AC 50/60 Hz AC-21B: 250 A at 440/480 V AC 50/60 Hz AC-21B: 250 A at 500 V AC 50/60 Hz AC-21B: 250 A at 660/690 V AC 50/60 Hz AC-22B: 250 A at 220/240 V AC 50/60 Hz AC-22B: 250 A at 380/415 V AC 50/60 Hz AC-22B: 250 A at 440/480 V AC 50/60 Hz AC-22B: 250 A at 500 V AC 50/60 Hz AC-23B: 250 A at 220/240 V AC 50/60 Hz AC-23B: 250 A at 380/415 V AC 50/60 Hz

Complementary

Breaking capacity	120 kA at 415 V (AC)
-------------------	----------------------

	120 kA at 500 V (AC) 120 kA at 690 V (AC)
[I _{cw}] rated short-time withstand current	15 kA for 1 s
[I _m] rated making and breaking capacity	30 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	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 M12 250 A Direct connection upstream 250 A 185 mm
Tightening torque	40 N.m
Width	100 mm
Height	741 mm
Depth	190 mm
net weight	4.7 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	11.000 cm
Package 1 Width	21.500 cm
Package 1 Length	79.000 cm
Package 1 Weight	5.170 kg
Unit Type of Package 2	P12
Number of Units in Package 2	50
Package 2 Height	122.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	270.500 kg

Offer Sustainability

REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Compliant
Toxic heavy metal free	Yes
Mercury free	Yes

China RoHS Regulation	Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
