

LV480903

Fuse switch disconnecter, FuPacT ISFL630, 630A, 3P (1 pole switchable), connection to 185mm busbars, M12 screws

Main

Range	FuPacT
Product name	FuPacT ISFL
Device short name	ISFL630
Product or component type	Fuse-switch disconnecter
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	NH3
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[I _{th}] conventional free air thermal current	630 A (40 °C) power dissipation per fuse: 48 W
[I _{the}] conventional enclosed thermal current	630 A at 40 °C, Power dissipation per fuse: 48 W
Maximum power dissipation per pole	85 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: 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

[I _q] Breaking capacity with fuses (kA RMS)	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	25 kA for 1 s
[I _{cm}] 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	32 N.m
Width	100 mm
Height	741 mm
Depth	190 mm
Net weight	5.6 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE[RETURN]CCC[RETURN]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

Offer Sustainability

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
Circularity Profile	No need of specific recycling operations