

LV480802

Fuse switch disconnecter, FuPacT ISFT160,
160A, DIN NH00, 3 poles, backplate mounting,
2.5mm² to 95mm² cable connectors



Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT160
Product or component type	Fuse-switch disconnecter
Device application	Equipment protection, monitoring and control Distribution
Signalling function	Separated fuse monitor
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH00
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[I _{th}] conventional free air thermal current	160 A (40 °C) power dissipation per fuse: 12 W
[I _{the}] conventional enclosed thermal current	160 A at 40 °C, Power dissipation per fuse: 12 W
Maximum power dissipation per pole	15 W
[U _e] rated operational voltage	690 V AC 50/60 Hz 440 V DC 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: 160 A at 220/240 V AC 50/60 Hz AC-21B: 160 A at 380/415 V AC 50/60 Hz AC-21B: 160 A at 440/480 V AC 50/60 Hz AC-21B: 160 A at 500 V AC 50/60 Hz AC-21B: 160 A at 660/690 V AC 50/60 Hz 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 DC-21B: 160 A at 220 V DC (3 poles in series) DC-21B: 125 A at 440 V DC (3 poles in series) DC-22B: 160 A at 220 V DC (3 poles in series)

Complementary

[I _q] Breaking capacity with fuses (kA RMS)	80 kA at 415 V (AC) 80 kA at 500 V (AC) 25 kA at 690 V (AC)
[I _{cw}] rated short-time withstand current	5 kA for 1 s
[I _{cm}] Rated short-circuit making capacity	7.65 kA at 690 V
Rated duty	Uninterrupted
Control type	Fuse carriers handle
Provision for padlocking	Lead seal

Mounting position	Vertical Horizontal
Mounting mode	Fixed
Mounting support	Mounting plate Busbars
Mounting location	Side by side
Contact operation	Single-break
Mechanical durability	1600 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 clamp terminals upstream 160 A 2.5...95 mm ² Screw clamp terminals downstream 160 A 2.5...95 mm ²
Tightening torque	12 N.m for terminal
Width	106 mm
Height	206 mm
Depth	80 mm
Net weight	0.6 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	IP3x front face: 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	15.4 cm
Package 1 Width	12.3 cm
Package 1 Length	24.7 cm
Package 1 Weight	915 g
Unit Type of Package 2	S04
Number of Units in Package 2	10
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	9.984 kg
Unit Type of Package 3	P12
Number of Units in Package 3	120
Package 3 Height	105 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	131.808 kg

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

China RoHS Regulation	 China RoHS Declaration
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