Product data sheet
Characteristics

LV480803
Fuse switch disconnector, FuPacT ISFT160, 160A, DIN NH00, 3 poles, busbars mounting, turnable hook



Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT160
Product or component type	Fuse-switch disconnector
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
[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 dissipation per pole	15 W
[Ue] 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
[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: 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

Breaking capacity	80 KA at 415 V (AC) 80 KA at 500 V (AC) 25 KA at 690 V (AC)
[Icw] rated short-time withstand current	5 KA for 1 s
[Im] rated making and breaking 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	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	M10 terminals
Tightening torque	6 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	12.5 Cm
Package 1 Width	15.5 Cm
Package 1 Length	24.5 Cm
Package 1 Weight	1.026 Kg
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	11.324 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the S
POP Directive	No POPs
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised