Product data sheet
Characteristics

LV480800
Fuse switch disconnector, FuPacT ISFT100, 100A, DIN NH000, 3 poles, backplate mounting, 1.5mm² to 50mm² cable connectors



Main

Range	FuPacT
Product name	FuPacT ISFT
Device short name	ISFT100
Product or component type	Fuse-switch disconnector
Device application	Equipment protection, monitoring and control Distribution
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH000
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	Yes
Contact position indicator	Yes
[Ith] conventional free air thermal current	100 A (40 °C) power dissipation per fuse: 9 W
[Ithe] conventional enclosed thermal current	100 A at 40 °C, Power dissipation per fuse: 9 W
Maximum power dissipation per pole	11 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	690 V AC 50/60 Hz 690 V DC
[Uimp] rated impulse withstand voltage	6 KV
[Ie] rated operational current	AC-21B: 100 A at 220/240 V AC 50/60 Hz AC-21B: 100 A at 380/415 V AC 50/60 Hz AC-21B: 100 A at 440/480 V AC 50/60 Hz AC-21B: 100 A at 500 V AC 50/60 Hz AC-21B: 100 A at 660/690 V AC 50/60 Hz AC-22B: 100 A at 220/240 V AC 50/60 Hz AC-22B: 100 A at 380/415 V AC 50/60 Hz DC-21B: 100 A at 220 V DC (3 poles in series) DC-21B: 100 A at 440 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	3 KA for 1 s
[Im] rated making and breaking capacity	4.4 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	Backplate
Mounting location	Side by side
Contact operation	Single-break
Mechanical durability	2000 Cycles
Electrical durability	AC-21B: 300 cycles 500 V AC 50/60 Hz AC-22B: 300 cycles 415 V AC 50/60 Hz
Connections - terminals	Cable connectors 1.5…50 mm²
Tightening torque	3 N.m for terminal
Width	89 Mm
Height	141 Mm
Depth	71 Mm
Net weight	0.46 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	8.500 Cm
Package 1 Width	10.000 Cm
Package 1 Length	17.500 Cm
Package 1 Weight	505.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	6.540 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	192
Package 3 Height	74.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	110.960 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
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