

Fuse switch disconnector, FuPacT ISFT630, 630 A, DIN NH03, 3 poles, backplate mounting

LV480808

EAN Code: 3606481165701

Main

Range	FuPacT	
product name	FuPacT ISFT	
Device short name	ISFT630	
Product or component type	Fuse-switch disconnector	
Device application	Distribution Equipment protection, monitoring and control	
Signalling function	Separated fuse monitor	
Poles description	3P	
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	
[Ith] conventional free air thermal current	630 A (40 °C) power dissipation per fuse: 48 W	
[Ithe] conventional enclosed thermal current	630 A at 40 °C, Power dissipation per fuse: 48 W	
Maximum power dissipation per pole	67 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	
[le] 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-22B: 630 A at 500 V AC 50/60 Hz AC-22B: 630 A at 500 V AC 50/60 Hz AC-22B: 630 A at 220 V DC (3 poles in series) DC-21B: 630 A at 440 V DC (3 poles in series)	

Complementary

[Iq] Breaking capacity with fuses (kA RMS)	80 kA at 415 V (AC) 80 kA at 500 V (AC)	
	25 kA at 690 V (AC)	
[Icw] rated short-time withstand current	20.4 kA for 1 s	
[Icm] Rated short-circuit making capacity	42.4 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	Mounting plate Busbars	
Mounting location	Side by side	
Contact operation	Single-break	
Mechanical durability	1000 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 upstream M10 630 A Screw connection downstream M10 630 A	
Tightening torque	20 N.m for terminal	
Width	250 mm	
Height	306 mm	
Depth	130 mm	
Net weight	3.5 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	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	-2070 °C	
Ambient air temperature for storage	-5085 °C	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.500 cm
Package 1 Width	26.500 cm

Package 1 Length	35.000 cm
Package 1 Weight	4.130 kg
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	12.898 kg
Unit Type of Package 3	P12
Number of Units in Package 3	36
Package 3 Height	105.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	169.000 kg

Logistical informations

Country of origin DE

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture		
Take-back	No	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	