

Product datasheet

Specifications



Switch disconnecter fuse, FuPact INFC125, 125 A, 3 poles 3F, fuse type NFC 22 x 58 mm, right side control

LV480434

⚠ Discontinued

⚠ Discontinued on: 01 November 2020

Main

Range of product	INF100...160
Range	FuPact
Product name	Fupact INF
Device short name	INFC125
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P
Protected poles description	3f
Fuse type	NFC
Fuse size	22 x 58 mm
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Control type	Without handle
Rotary handle mounting location	Lateral
Rotary handle mounting style	Extended
Provision for padlocking	Padlockable
Mounting mode	Vertical - horizontal
Mounting support	DIN rail, with specific accessories Mounting plate

[Ie] rated operational current	AC-22A: 125 A at 220/240 V AC 50/60 Hz AC-22A: 125 A at 380/415 V AC 50/60 Hz AC-22A: 125 A at 440/480 V AC 50/60 Hz AC-22A: 125 A at 500/525 V AC 50/60 Hz AC-22A: 125 A at 660/690 V AC 50/60 Hz AC-23A: 125 A at 220/240 V AC 50/60 Hz AC-23A: 125 A at 380/415 V AC 50/60 Hz AC-23A: 125 A at 440/480 V AC 50/60 Hz AC-23A: 125 A at 500/525 V AC 50/60 Hz DC-22B: 125 A at 220 V DC (2 poles in series) DC-23B: 125 A at 220 V DC (2 poles in series) DC-21B: 125 A at 440 V DC (4 poles in series) AC-23A: 125 A at 660/690 V AC 50/60 Hz
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[Ith] conventional free air thermal current	100 A (60 °C) vertical 106 A (55 °C) vertical 125 A (40 °C) vertical 88 A (70 °C) vertical 88 A (70 °C) horizontal 94 A (65 °C) horizontal 100 A (60 °C) horizontal 95 A (65 °C) vertical 106 A (55 °C) horizontal 111 A (50 °C) horizontal 111 A (50 °C) vertical 116 A (45 °C) horizontal 120 A (40 °C) horizontal 116 A (45 °C) vertical 125 A (35 °C) horizontal
[Ithe] conventional enclosed thermal current	125 A at 40 °C, Power dissipation per fuse: 12 W (300 mm x 350 mm x 200 mm)
Maximum power	110 kW at 660/690 V AC 50/60 Hz 37 kW at 220/240 V AC 50/60 Hz 60 kW at 380/400 V AC 50/60 Hz 60 kW at 415 V AC 50/60 Hz 80 kW at 500/525 V AC 50/60 Hz
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[Ui] rated insulation voltage	1000 V AC 50/60 Hz 1000 V DC
[Uimp] rated impulse withstand voltage	12 kV
[Ue] rated operational voltage	690 V AC 50/60 Hz 690 V AC 50/60 Hz AC-20 690 V DC DC-20 500 V DC
[Im] rated making and breaking capacity	Icm 105 kA at 690 V conforming to DIN (with fuse) Icm 176 kA at 415 V conforming to BS (with fuse) Icm 220 kA at 500 V conforming to DIN (with fuse) Icn 100 kA at 500 V conforming to DIN (with fuse) Icn 50 kA at 690 V conforming to DIN (with fuse) Icn 80 kA at 415 V conforming to BS (with fuse) Icm 15 kA at 690 V (without fuse) Icm 22 kA at 415 V (without fuse) Icm 22 kA at 500 V (without fuse)
Suitability for isolation	Yes
Contact position indicator	Yes
Visible break	No
Contact operation	Double-break
Environment	
Mechanical durability	10000 cycles
Electrical durability	AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-22A: 1500 cycles 690 V AC 50/60 Hz AC-23A: 1500 cycles 500 V AC 50/60 Hz AC-23A: 1500 cycles 690 V AC 50/60 Hz
[Icw] rated short-time withstand current	5 kA for 1 s 0.95 kA for 30 s 1.15 kA for 20 s 2.9 kA for 3 s
Design	Horizontal design
Connections terminals	Screw connection
Connections - terminals	Screw connection M8 125 A
Tightening torque	15...22 N.m for terminal
Height	140 mm
Width	181.5 mm
Depth	142 mm
Standards	EN/IEC 60269-4

	EN/IEC 60269-1 EN/IEC 60947-3 EN/IEC 60947-5 EN/IEC 60947-1
Product certifications	CCC
IP degree of protection	IP20 conforming to IEC 60529 IP65 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102 IK10 conforming to EN 50102
Pollution degree	3
Ambient air temperature for operation	-25...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	15.5 cm
Package 1 Width	19 cm
Package 1 Length	25.5 cm
Package 1 Weight	2.282 kg

Offer Sustainability


Sustainable offer status	Green Premium product
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 Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

LV480434 is replaced by the following product range:



Fupact INF, ISFL, ISFT

Switch disconnector fuses and fuse switch disconnectors from 32 A to 800 A

Products: 44