

Product datasheet

Specifications



Switch disconnecter fuse. FuPact INFC125. 125 A. 4 poles 3F. fuse type NFC 22 x 58 mm. front control

LV480414

! Discontinued

! Discontinued on: 17 Mar 2022

! End-of-service on: 30 Dec 2022

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	4P
Protected Poles Description	3f
Fuse Type	NFC
Fuse Size	22 x 58 mm
Network Type	DC AC
Network Frequency	50/60 Hz

Complementary

Control Type	Without handle
Rotary Handle Mounting Location	Front
Rotary Handle Mounting Style	Extended Direct
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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Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[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	183 mm
Depth	130 mm
Standards	EN/IEC 60947-1 EN/IEC 60269-4 EN/IEC 60947-5 EN/IEC 60947-3 EN/IEC 60269-1
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

Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
✓	Pvc Free	

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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