

Product datasheet

Specifications



Switch disconnecter fuse, FuPact INFD40, 40 A, 3 poles 3F, fuse type DIN 000, front control

LV480400

⚠ Discontinued on: 1 Dec 2021

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Main

Range of product	INFD40
Range	FuPact
Product name	Fupact INF
Device short name	INFD40
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P
Protected poles description	3f
Fuse type	DIN
Fuse size	NH000
Network type	AC DC
Network frequency	50/60 Hz

Complementary

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

[Ie] rated operational current	AC-22A: 40 A at 220/240 V AC 50/60 Hz AC-22A: 40 A at 380/415 V AC 50/60 Hz AC-22A: 40 A at 440/480 V AC 50/60 Hz AC-22A: 40 A at 500/525 V AC 50/60 Hz AC-22A: 40 A at 660/690 V AC 50/60 Hz AC-23A: 40 A at 220/240 V AC 50/60 Hz AC-23A: 40 A at 380/415 V AC 50/60 Hz AC-23A: 40 A at 440/480 V AC 50/60 Hz AC-23A: 40 A at 500/525 V AC 50/60 Hz AC-23A: 40 A at 660/690 V AC 50/60 Hz DC-22B: 40 A at 220 V DC (2 poles in series) DC-23B: 40 A at 220 V DC (4 poles in series) DC-21B: 40 A at 440 V DC (4 poles in series)
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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	24 A (70 °C) horizontal
	26 A (65 °C) horizontal
	28 A (60 °C) horizontal
	28 A (70 °C) vertical
	30 A (55 °C) horizontal
	30 A (65 °C) vertical
	32 A (50 °C) horizontal
	32 A (60 °C) vertical
	34 A (55 °C) vertical
	36 A (40 °C) horizontal
	38 A (45 °C) vertical
	40 A (40 °C) vertical
	34 A (50 °C) vertical
	36 A (45 °C) horizontal
	40 A (35 °C) horizontal
[Ithe] conventional enclosed thermal current	40 A at 40 °C, Power dissipation per fuse: 4.5 W (300 mm x 350 mm x 200 mm)
Maximum power	11 kW at 220/240 V AC 50/60 Hz 22 kW at 500/525 V AC 50/60 Hz 30 kW at 660/690 V AC 50/60 Hz 18.5 kW at 380/400 V AC 50/60 Hz 18.5 kW at 415 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	250 V DC 690 V AC 50/60 Hz 690 V AC 50/60 Hz AC-20 690 V DC DC-20
[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 6 kA at 690 V (without fuse) Icm 9 kA at 415 V (without fuse) Icm 7.5 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	1 kA for 1 s 0.18 kA for 30 s 0.22 kA for 20 s 0.57 kA for 3 s
Design	Horizontal design
Connections terminals	Screw clamp terminals
Connections - terminals	Screw clamp terminals 40 A 2.5...25 mm² flexible Screw clamp terminals 40 A 2.5...25 mm² rigid
Tightening torque	2 N.m for terminal

Height	100 mm
Width	114.5 mm
Depth	120.5 mm
Standards	EN/IEC 60947-1 EN/IEC 60947-5 EN/IEC 60269-1 EN/IEC 60269-4 EN/IEC 60947-3
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	13.2 cm
Package 1 Width	14.5 cm
Package 1 Length	20.5 cm
Package 1 Weight	1.317 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

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 >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

PVC free

Yes

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins