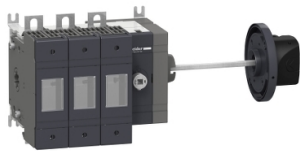


Product data sheet

Specifications



Switch-disconnector fuse body INFD 3 poles 3F - DIN - 40 A- lateral handle

LV480672

 **Discontinued on:** Dec 22, 2020

 **Discontinued**

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	DC AC
Network Frequency	50/60 Hz

Complementary

Control Type	Without handle
Rotary Handle Mounting Location	Lateral
Rotary Handle Mounting Style	Extended
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-22A: 40 A at 125 V DC (2 poles in series) DC-22A: 40 A at 250 V DC (2 poles in series) DC-23A: 40 A at 500 V DC (4 poles in series) DC-23A: 40 A at 750 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 (45 °C) horizontal 36 A (50 °C) vertical 38 A (35 °C) horizontal 40 A (40 °C) power dissipation per fuse: 4.5 W
[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
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	97 mm
Width	142 mm
Depth	133 mm
Standards	EN/IEC 60269-1 EN/IEC 60947-5 EN/IEC 60947-1 EN/IEC 60947-3 EN/IEC 60269-4
Product Certifications	KEMA-KEUR
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

Contractual warranty

Warranty	18 months
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