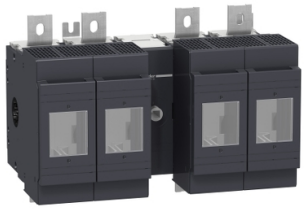
Product data sheet

Specifications



Switch disconnector fuse, FuPact INFD800, 800 A, 4 poles 4F, fuse type DIN 3, front control

LV480514

Discontinued on: Jan 8, 2021

Discontinued

Main

Range Of Product	INF200...800
Range	FuPact
Product Name	Fupact INF
Device Short Name	INFD800
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles Description	4P
Protected Poles Description	4f
Fuse Type	DIN
Fuse Size	NH3
Network Type	AC DC
Network Frequency	50/60 Hz

Complementary

Control Type	Operating shaft (without handle)
Rotary Handle Mounting Location	Front
Mounting Mode	Fixed
Mounting Support	Mounting plate
[Ie] Rated Operational Current	AC-22A: 800 A at 220/240 V AC 50/60 Hz AC-22A: 800 A at 380/415 V AC 50/60 Hz AC-22A: 800 A at 440/480 V AC 50/60 Hz AC-22A: 800 A at 500/525 V AC 50/60 Hz AC-22A: 800 A at 660/690 V AC 50/60 Hz DC-22A: 800 A at 250 V DC (2 poles in series) DC-23A: 800 A at 250 V DC (2 poles in series) AC-22A: 800 A at 480 V AC 50/60 Hz conforming to NEMA AC-23A: 800 A at 220/240 V AC 50/60 Hz AC-23A: 800 A at 380/415 V AC 50/60 Hz AC-23A: 800 A at 440/480 V AC 50/60 Hz AC-23A: 800 A at 480 V AC 50/60 Hz conforming to NEMA AC-23A: 800 A at 500/525 V AC 50/60 Hz AC-23A: 800 A at 660/690 V AC 50/60 Hz DC-22A: 720 A at 500 V DC (3 poles in series) DC-22A: 800 A at 125 V DC (1 pole) DC-23A: 720 A at 500 V DC (3 poles in series) DC-23A: 800 A at 125 V DC (1 pole) DC-22A: 720 A at 750 V DC (4 poles in series) DC-23A: 720 A at 750 V DC (4 poles in series)

[Ith] Conventional Free Air Thermal Current	800 A (40 °C) power dissipation per fuse: 65 W vertical 509 A (70 °C) horizontal 544 A (65 °C) horizontal 566 A (70 °C) vertical 577 A (60 °C) horizontal 605 A (65 °C) vertical 609 A (55 °C) horizontal 638 A (50 °C) horizontal 641 A (60 °C) vertical 667 A (45 °C) horizontal 676 A (55 °C) vertical 694 A (40 °C) horizontal 709 A (50 °C) vertical 720 A (35 °C) horizontal 741 A (45 °C) vertical
[Ithe] Conventional Enclosed Thermal Current	720 A at 40 °C, Power dissipation per fuse: 55 W (800 mm x 1000 mm x 330 mm) 800 A at 40 °C, Power dissipation per fuse: 65 W
Maximum Power	AC-23: 250 kW at 220/240 V AC 50/60 Hz AC-23: 450 kW at 380/400 V AC 50/60 Hz AC-23: 450 kW at 415 V AC 50/60 Hz AC-23: 560 kW at 500/525 V AC 50/60 Hz AC-23: 710 kW at 660/690 V AC 50/60 Hz
Rated Duty	Uninterrupted
[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 1000 V AC 50/60 Hz AC-20 1000 V DC DC-20 750 V DC
[Im] Rated Making And Breaking Capacity	Icm 220 kA at 500 V conforming to DIN (with fuse) Icn 100 kA at 500 V conforming to DIN (with fuse) Icm 176 kA at 415 V conforming to DIN (with fuse) Icm 176 kA at 690 V conforming to DIN (with fuse) Icn 80 kA at 415 V conforming to DIN (with fuse) Icn 80 kA at 690 V conforming to DIN (with fuse) Icm 55 kA at 690 V (without fuse) Icm 77 kA at 415 V (without fuse) Icm 83 kA at 500 V (without fuse)
Suitability For Isolation	Yes conforming to IEC 60947-1
Contact Position Indicator	Yes
Contact Operation	Double-break

Environment

Mechanical Durability	5000 cycles
Electrical Durability	AC-22A: 500 cycles 500 V AC 50/60 Hz AC-22A: 500 cycles 690 V AC 50/60 Hz AC-23A: 500 cycles 500 V AC 50/60 Hz AC-23A: 500 cycles 690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	20 kA for 1 s 4 kA for 30 s 5 kA for 20 s 11.6 kA for 3 s
Design	Horizontal design
Connections Terminals	Screw connection
Connections - Terminals	Screw connection M12 800 A
Tightening Torque	50...75 N.m for terminal
Height	306 mm
Width	429 mm

Depth	233 mm
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Ip Degree Of Protection	IP20 fuse compartment:
Pollution Degree	3

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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