

Product datasheet

Specifications



Switch disconnecter fuse. FuPact INFB630. 630 A. 4 poles 3F. fuse type BS C1/C2/C3. front control

LV480522

⚠ Discontinued on: 17 Mar 2022

⚠ End-of-service on: 30 Dec 2022

⚠ Discontinued

Main

Range Of Product	INF200...800
Range	FuPact
Product Name	Fupact INF
Device Short Name	INFB630
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles Description	4P
Protected Poles Description	3f
Fuse Type	BS
Fuse Size	C1 C2
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: 630 A at 220/240 V AC 50/60 Hz AC-22A: 630 A at 380/415 V AC 50/60 Hz AC-22A: 630 A at 440/480 V AC 50/60 Hz AC-22A: 630 A at 500/525 V AC 50/60 Hz AC-22A: 630 A at 660/690 V AC 50/60 Hz AC-23A: 630 A at 220/240 V AC 50/60 Hz AC-23A: 630 A at 380/415 V AC 50/60 Hz AC-23A: 630 A at 440/480 V AC 50/60 Hz AC-23A: 630 A at 500/525 V AC 50/60 Hz AC-23A: 630 A at 660/690 V AC 50/60 Hz DC-22A: 630 A at 250 V DC (2 poles in series) DC-22A: 630 A at 500 V DC (3 poles in series) DC-23A: 630 A at 250 V DC (2 poles in series) DC-23A: 630 A at 500 V DC (3 poles in series) AC-22A: 630 A at 480 V AC 50/60 Hz conforming to NEMA AC-23A: 630 A at 480 V AC 50/60 Hz conforming to NEMA DC-22A: 630 A at 125 V DC (1 pole) DC-23A: 630 A at 125 V DC (1 pole)
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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	630 A (40 °C) power dissipation per fuse: 60 W vertical 403 A (70 °C) horizontal 431 A (65 °C) horizontal 446 A (70 °C) vertical 457 A (60 °C) horizontal 476 A (65 °C) vertical 482 A (55 °C) horizontal 505 A (50 °C) horizontal 505 A (60 °C) vertical 528 A (45 °C) horizontal 532 A (55 °C) vertical 549 A (40 °C) horizontal 558 A (50 °C) vertical 570 A (35 °C) horizontal 583 A (45 °C) vertical
[Ithe] Conventional Enclosed Thermal Current	570 A at 40 °C, Power dissipation per fuse: 50 W (800 mm x 1000 mm x 330 mm) 630 A at 40 °C, Power dissipation per fuse: 60 W
Maximum Power	AC-23: 200 kW at 220/240 V AC 50/60 Hz AC-23: 355 kW at 380/400 V AC 50/60 Hz AC-23: 355 kW at 415 V AC 50/60 Hz AC-23: 450 kW at 500/525 V AC 50/60 Hz AC-23: 630 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: 1000 cycles 500 V AC 50/60 Hz AC-22A: 1000 cycles 690 V AC 50/60 Hz AC-23A: 1000 cycles 500 V AC 50/60 Hz AC-23A: 1000 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 630 A
Tightening Torque	50...75 N.m for terminal 30 N.m for BS fuse
Height	306 mm

Width	429 mm
Depth	233 mm
Standards	EN/IEC 60947-3 EN/IEC 60947-1
Ip Degree Of Protection	IP20 fuse compartment:
Pollution Degree	3

Contractual warranty

Warranty	18 months
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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-CO₂ 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