

Product datasheet

Specifications



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

LV480521

Discontinued on: 23 Jan 2021

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	26.5 cm
Package 1 Width	33 cm
Package 1 Length	45.5 cm
Package 1 Weight	16.5 kg

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.

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[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