



Main

Range of product	INF200...800
Range	FuPact
Product name	Fupact INF
Device short name	INFB250
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	3f
Fuse type	BS
Fuse size	B3 B1 B2
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: 250 A AC 50/60 Hz 220/240 V AC-22A: 250 A AC 50/60 Hz 380/415 V AC-22A: 250 A AC 50/60 Hz 440/480 V AC-22A: 250 A AC 50/60 Hz 500/525 V AC-22A: 250 A AC 50/60 Hz 660/690 V AC-23A: 250 A AC 50/60 Hz 220/240 V AC-23A: 250 A AC 50/60 Hz 380/415 V AC-23A: 250 A AC 50/60 Hz 440/480 V AC-23A: 250 A AC 50/60 Hz 500/525 V AC-23A: 250 A AC 50/60 Hz 660/690 V

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

DC-22A: 250 A DC 250 V 2 poles in series
 DC-22A: 250 A DC 500 V 3 poles in series
 DC-23A: 250 A DC 250 V 2 poles in series
 DC-23A: 250 A DC 500 V 3 poles in series
 AC-22A: 250 A AC 50/60 Hz 480 V conforming to NEMA
 AC-23A: 250 A AC 50/60 Hz 480 V conforming to NEMA
 DC-22A: 250 A DC 125 V 1 pole
 DC-23A: 250 A DC 125 V 1 pole

[Ith] conventional free air thermal current	200 A (60 °C) vertical 250 A (40 °C) power dissipation per fuse: 23 W vertical 177 A (70 °C) horizontal 177 A (70 °C) vertical 189 A (65 °C) horizontal 189 A (65 °C) vertical 200 A (60 °C) horizontal 211 A (55 °C) horizontal 211 A (55 °C) vertical 222 A (50 °C) horizontal 222 A (50 °C) vertical 231 A (45 °C) horizontal 232 A (45 °C) vertical 241 A (40 °C) horizontal 250 A (35 °C) horizontal
[Ithe] conventional enclosed thermal current	230 A at 40 °C, Power dissipation per fuse: 27 W (800 mm x 400 mm x 330 mm) 250 A at 40 °C, Power dissipation per fuse: 20 W (800 mm x 400 mm x 330 mm)
Maximum power	AC-23: 140 kW at 380/400 V AC 50/60 Hz AC-23: 145 kW at 415 V AC 50/60 Hz AC-23: 170 kW at 500/525 V AC 50/60 Hz AC-23: 250 kW at 660/690 V AC 50/60 Hz AC-23: 75 kW at 220/240 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) Icm 28 kA at 690 V (without fuse) Icn 80 kA at 415 V conforming to DIN (with fuse) Icn 80 kA at 690 V conforming to DIN (with fuse) Icm 37.5 kA at 500 V (without fuse) Icm 40.5 kA at 415 V (without fuse)
Suitability for isolation	Yes conforming to IEC 60947-1
Contact position indicator	Yes
Contact operation	Double-break

Environment

Mechanical durability	10000 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	8 kA for 1 s 1.46 kA for 30 s 1.79 kA for 20 s 4.62 kA for 3 s
Design	Horizontal design
Connections terminals	Screw connection
Connections - terminals	Screw connection M10 250 A
Tightening torque	30..44 N.m for terminal 5 N.m for BS fuse

Height	193 mm
Width	260 mm
Depth	154 mm
Standards	EN/IEC 60947-1 EN/IEC 60947-3
IP degree of protection	IP20 fuse compartment:
Pollution degree	3

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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