



Main

Range of product	INF200...800
Range	FuPact
Product name	Fupact INF
Device short name	INFB800
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	3f
Fuse type	BS
Fuse size	C1 C3 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: 800 A AC 50/60 Hz 220/240 V AC-22A: 800 A AC 50/60 Hz 380/415 V AC-22A: 800 A AC 50/60 Hz 440/480 V AC-22A: 800 A AC 50/60 Hz 500/525 V AC-22A: 800 A AC 50/60 Hz 660/690 V DC-22A: 800 A DC 250 V 2 poles in series DC-23A: 800 A DC 250 V 2 poles in series AC-22A: 800 A AC 50/60 Hz 480 V conforming to NEMA AC-23A: 800 A AC 50/60 Hz 220/240 V AC-23A: 800 A AC 50/60 Hz 380/415 V AC-23A: 800 A AC 50/60 Hz 440/480 V AC-23A: 800 A AC 50/60 Hz 480 V conforming to NEMA AC-23A: 800 A AC 50/60 Hz 500/525 V AC-23A: 800 A AC 50/60 Hz 660/690 V DC-22A: 720 A DC 500 V 3 poles in series DC-22A: 800 A DC 125 V 1 pole

DC-23A: 720 A DC 500 V 3 poles in series
DC-23A: 800 A DC 125 V 1 pole

[I _{th}] 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
[I _{the}] 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
[U _i] rated insulation voltage	1000 V AC 50/60 Hz 1000 V DC
[U _{imp}] rated impulse withstand voltage	12 kV
[U _e] 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
[I _m] rated making and breaking capacity	I _{cm} 220 kA at 500 V conforming to DIN (with fuse) I _{cn} 100 kA at 500 V conforming to DIN (with fuse) I _{cm} 176 kA at 415 V conforming to DIN (with fuse) I _{cm} 176 kA at 690 V conforming to DIN (with fuse) I _{cn} 80 kA at 415 V conforming to DIN (with fuse) I _{cn} 80 kA at 690 V conforming to DIN (with fuse) I _{cm} 55 kA at 690 V (without fuse) I _{cm} 77 kA at 415 V (without fuse) I _{cm} 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
[I _{cw}] 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 30 N.m for BS fuse
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

Offer Sustainability

EU RoHS Directive	Under investigation
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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