



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 AC 50/60 Hz 220/240 V AC-22A: 630 A AC 50/60 Hz 380/415 V AC-22A: 630 A AC 50/60 Hz 440/480 V AC-22A: 630 A AC 50/60 Hz 500/525 V AC-22A: 630 A AC 50/60 Hz 660/690 V AC-23A: 630 A AC 50/60 Hz 220/240 V AC-23A: 630 A AC 50/60 Hz 380/415 V AC-23A: 630 A AC 50/60 Hz 440/480 V AC-23A: 630 A AC 50/60 Hz 500/525 V AC-23A: 630 A AC 50/60 Hz 660/690 V DC-22A: 630 A DC 250 V 2 poles in series

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: 630 A DC 500 V 3 poles in series
 DC-23A: 630 A DC 250 V 2 poles in series
 DC-23A: 630 A DC 500 V 3 poles in series
 AC-22A: 630 A AC 50/60 Hz 480 V conforming to NEMA
 AC-23A: 630 A AC 50/60 Hz 480 V conforming to NEMA
 DC-22A: 630 A DC 125 V 1 pole
 DC-23A: 630 A DC 125 V 1 pole

[I _{th}] 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
[I _{th}] 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
[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: 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
[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 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

Offer Sustainability

Sustainable offer status	Green Premium product
RECh Regulation	RECh Declaration
RECh 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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