



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	3P
Protected poles description	3f
Fuse type	BS
Fuse size	C1 C2 C3
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Control type	Rotary handle
Rotary handle mounting location	Front
Rotary handle mounting style	Direct Extended
Handle colour	Black
Handle front plate colour	Black
Provision for padlocking	3 padlocks
Mounting support	Mounting plate
[Ie] rated operational current	DC-22A : 800 A DC 125 V 2 poles in series AC-22A : 800 A AC 50/60 Hz 380/415 V DC-22A : 800 A DC 500 V 3 poles in series DC-23A : 800 A DC 125 V 2 poles in series AC-23A : 720 A AC 50/60 Hz 500/525 V DC-23A : 800 A DC 250 V 2 poles in series DC-23A : 800 A DC 750 V 3 poles in series AC-22A : 800 A AC 50/60 Hz 500/525 V AC-23A : 720 A AC 50/60 Hz 220/240 V AC-22A : 800 A AC 50/60 Hz 660/690 V AC-22A : 800 A AC 50/60 Hz 220/240 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 : 800 A DC 250 V 2 poles in series
 AC-23A : 720 A AC 50/60 Hz 440/480 V
 DC-22A : 800 A DC 750 V 3 poles in series
 AC-23A : 720 A AC 50/60 Hz 660/690 V
 AC-22A : 800 A AC 50/60 Hz 440/480 V
 DC-23A : 800 A DC 500 V 3 poles in series
 AC-23A : 720 A AC 50/60 Hz 380/415 V

[I _{th}] conventional free air thermal current	514 A (70 °C) horizontal 552 A (65 °C) horizontal 560 A (70 °C) vertical 588 A (60 °C) horizontal 600 A (65 °C) vertical 625 A (55 °C) horizontal 640 A (60 °C) vertical 662 A (50 °C) horizontal 680 A (55 °C) vertical 700 A (45 °C) horizontal 720 A (50 °C) vertical 736 A (40 °C) horizontal 760 A (45 °C) vertical 772 A (35 °C) horizontal 800 A (40 °C) power dissipation per fuse: 65 W 800 A (40 °C) vertical
[I _{th} e] conventional enclosed thermal current	720 A (40 °C) / Power dissipation per fuse: 55 W 800 mm x 600 mm x 270 mm
Maximum power	200 kW 220/240 V AC 50/60 Hz 350 kW 380/400 V AC 50/60 Hz 380 kW 415 V AC 50/60 Hz 470 kW 500/525 V AC 50/60 Hz 600 kW 660/690 V AC 50/60 Hz
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[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	1000 V AC 50/60 Hz AC-20 1000 V DC DC-20 690 V AC 50/60 Hz 750 V DC
[I _m] rated making and breaking capacity	I _{cm} 105 kA conforming to DIN 690 V with fuse I _{cm} 176 kA conforming to BS 415 V with fuse I _{cm} 220 kA conforming to DIN 500 V with fuse I _{cm} 60 kA 690 V without fuse I _{cm} 75 kA 415 V without fuse I _{cm} 75 kA 500 V without fuse I _{cn} 100 kA conforming to DIN 500 V with fuse I _{cn} 50 kA conforming to DIN 690 V with fuse I _{cn} 80 kA conforming to BS 415 V with fuse
Suitability for isolation	Yes
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	16 kA (1 s) 2.95 kA (30 s) 3.6 kA (20 s) 9.25 kA (3 s)
Design	Horizontal design
Tightening torque	Terminal : 50...70 N.m
Height	232 mm
Width	408 mm

Depth	234 mm
Standards	EN/IEC 60269-1 EN/IEC 60269-4 EN/IEC 60947-1 EN/IEC 60947-3 EN/IEC 60947-5
Product certifications	KEMA-KEUR
IP degree of protection	IP20 conforming to IEC 60529 IP65 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102 IK10 conforming to EN 50102
Pollution degree	3
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
Compatibility code	INF200...800

Contractual warranty

Warranty period	18 months
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