



Main

Range of product	INF200...800
Range	Fupact
Product name	Fupact INF
Device short name	INFD400
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	4f
Fuse type	DIN
Fuse size	NH2 NH1 NH0
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Control type	Rotary handle
Rotary handle mounting location	Front
Rotary handle mounting style	Extended Direct
Handle colour	Black
Handle front plate colour	Black
Provision for padlocking	3 padlocks
Mounting support	Mounting plate
[Ie] rated operational current	AC-23A : 400 A AC 50/60 Hz 500/525 V AC-22A : 400 A AC 50/60 Hz 500/525 V AC-22A : 400 A AC 50/60 Hz 380/415 V AC-23A : 400 A AC 50/60 Hz 660/690 V DC-23A : 400 A DC 125 V 2 poles in series AC-22A : 400 A AC 50/60 Hz 440/480 V DC-22A : 400 A DC 500 V 3 poles in series AC-23A : 400 A AC 50/60 Hz 220/240 V AC-23A : 400 A AC 50/60 Hz 380/415 V AC-23A : 400 A AC 50/60 Hz 440/480 V AC-22A : 400 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 : 400 A DC 750 V 3 poles in series
 DC-22A : 400 A DC 125 V 2 poles in series
 AC-22A : 400 A AC 50/60 Hz 220/240 V
 DC-23A : 400 A DC 250 V 2 poles in series
 DC-23A : 400 A DC 500 V 3 poles in series
 DC-22A : 400 A DC 250 V 2 poles in series
 DC-23A : 400 A DC 750 V 3 poles in series

[I _{th}] conventional free air thermal current	268 A (70 °C) horizontal 277 A (65 °C) horizontal 280 A (70 °C) vertical 295 A (60 °C) horizontal 300 A (65 °C) vertical 313 A (55 °C) horizontal 320 A (60 °C) vertical 331 A (50 °C) horizontal 340 A (55 °C) vertical 350 A (45 °C) horizontal 360 A (50 °C) vertical 368 A (40 °C) horizontal 380 A (45 °C) vertical 386 A (35 °C) horizontal 400 A (40 °C) power dissipation per fuse: 45 W 400 A (40 °C) vertical
[I _{the}] conventional enclosed thermal current	360 A (40 °C) / Power dissipation per fuse: 37 W 500 mm x 400 mm x 250 mm 400 A (40 °C) / Power dissipation per fuse: 34 W 500 mm x 400 mm x 250 mm
Maximum power	110 kW 220/240 V AC 50/60 Hz 210 kW 380/400 V AC 50/60 Hz 230 kW 415 V AC 50/60 Hz 280 kW 500/525 V AC 50/60 Hz 330 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} 35 kA 690 V without fuse I _{cm} 40 kA 415 V without fuse I _{cm} 40 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	8000 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	10 kA (1 s) 1.85 kA (30 s) 2.25 kA (20 s) 5.8 kA (3 s)
Design	Horizontal design
Tightening torque	Terminal : 30...44 N.m
Height	180 mm
Width	372 mm

Depth	206 mm
Standards	EN/IEC 60269-4 EN/IEC 60947-3 EN/IEC 60947-1 EN/IEC 60269-1 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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Product Life Status	END-OF-SALE NOTICE
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