



Main

Range of product	INF32
Range	FuPact
Product name	Fupact INF
Device short name	INFB32
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P
Protected poles description	3f
Fuse type	BS
Fuse size	A1
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Control type	Without handle
Rotary handle mounting location	Front
Rotary handle mounting style	Direct Extended
Mounting support	Mounting plate DIN rail
[Ie] rated operational current	AC-22A: 32 A AC 50/60 Hz 220/240 V AC-22A: 32 A AC 50/60 Hz 380/415 V AC-22A: 32 A AC 50/60 Hz 440/480 V AC-22A: 32 A AC 50/60 Hz 500/525 V AC-22A: 32 A AC 50/60 Hz 660/690 V AC-23A: 32 A AC 50/60 Hz 220/240 V AC-23A: 32 A AC 50/60 Hz 380/415 V AC-23A: 32 A AC 50/60 Hz 440/480 V AC-23A: 32 A AC 50/60 Hz 500/525 V AC-23A: 32 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: 32 A DC 125 V 2 poles in series
 DC-22A: 32 A DC 250 V 2 poles in series
 DC-23A: 32 A DC 500 V 4 poles in series
 DC-23A: 32 A DC 750 V 4 poles in series

[I _{th}] conventional free air thermal current	20.5 A (70 °C) horizontal 22 A (65 °C) horizontal 23.5 A (60 °C) horizontal 24.4 A (70 °C) vertical 25 A (55 °C) horizontal 25 A (65 °C) vertical 25.6 A (60 °C) vertical 26.5 A (50 °C) horizontal 27.2 A (55 °C) vertical 28 A (45 °C) horizontal 28.8 A (50 °C) vertical 29.5 A (40 °C) horizontal 30.4 A (45 °C) vertical 31 A (35 °C) horizontal 32 A (40 °C) power dissipation per fuse: 3.5 W 32 A (40 °C) vertical
[I _{the}] conventional enclosed thermal current	32 A at 40 °C, Power dissipation per fuse: 3.5 W (300 mm x 350 mm x 200 mm)
Maximum power	14 kW at 380/400 V AC 50/60 Hz 15 kW at 415 V AC 50/60 Hz 18 kW at 500/525 V AC 50/60 Hz 25 kW at 660/690 V AC 50/60 Hz 8 kW at 220/240 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	250 V DC 690 V AC 50/60 Hz 690 V AC 50/60 Hz AC-20 690 V DC DC-20
[I _m] rated making and breaking capacity	I _{cm} 105 kA at 690 V conforming to DIN (with fuse) I _{cm} 176 kA at 415 V conforming to BS (with fuse) 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 _{cn} 50 kA at 690 V conforming to DIN (with fuse) I _{cn} 80 kA at 415 V conforming to BS (with fuse) I _{cm} 6 kA at 690 V (without fuse) I _{cm} 9 kA at 415 V (without fuse) I _{cm} 7.5 kA at 500 V (without fuse)
Suitability for isolation	Yes
Contact position indicator	Yes
Contact operation	Double-break

Environment

Mechanical durability	10000 cycles
Electrical durability	AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-22A: 1500 cycles 690 V AC 50/60 Hz AC-23A: 1500 cycles 500 V AC 50/60 Hz AC-23A: 1500 cycles 690 V AC 50/60 Hz
[I _{cw}] rated short-time withstand current	1 kA for 1 s 0.18 kA for 30 s 0.22 kA for 20 s 0.57 kA for 3 s
Design	Horizontal design
Connections terminals	Screw clamp terminals
Connections - terminals	Screw clamp terminals 32 A 0.5...10 mm ² flexible Screw clamp terminals 32 A 0.5...10 mm ² rigid
Tightening torque	2 N.m for terminal
Height	97 mm

Width	106 mm
Depth	105 mm
Standards	EN/IEC 60947-1 EN/IEC 60269-4 EN/IEC 60269-1 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

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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