

Product datasheet

Specifications



Switch-disconnector fuse body INFB 4 poles 3F - BS - 63 A- front handle

49578

! Discontinued

Main

Range Of Product	INF63
Range	FuPact
Product Name	Fupact INF
Device Short Name	INFB63
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles Description	4P
Protected Poles Description	3f
Fuse Type	BS
Fuse Size	A2 A3
Network Type	DC AC
Network Frequency	50/60 Hz

Complementary

Control Type	Without handle
Rotary Handle Mounting Location	Front
Rotary Handle Mounting Style	Extended Direct
Mounting Support	DIN rail, with specific accessories Mounting plate

[Ie] Rated Operational Current	AC-22A: 63 A at 220/240 V AC 50/60 Hz AC-22A: 63 A at 380/415 V AC 50/60 Hz AC-22A: 63 A at 440/480 V AC 50/60 Hz AC-22A: 63 A at 500/525 V AC 50/60 Hz AC-22A: 63 A at 660/690 V AC 50/60 Hz AC-23A: 63 A at 220/240 V AC 50/60 Hz AC-23A: 63 A at 380/415 V AC 50/60 Hz AC-23A: 63 A at 440/480 V AC 50/60 Hz AC-23A: 63 A at 500/525 V AC 50/60 Hz AC-23B: 63 A at 660/690 V AC 50/60 Hz DC-22A: 63 A at 125 V DC (3 poles in series) DC-22A: 63 A at 250 V DC (3 poles in series) DC-23A: 63 A at 125 V DC (3 poles in series) DC-23A: 63 A at 250 V DC (3 poles in series)
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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

[Ith] Conventional Free Air Thermal Current	40 A (70 °C) horizontal 43 A (65 °C) horizontal 44 A (70 °C) vertical 46.4 A (60 °C) horizontal 47.2 A (65 °C) vertical 49.3 A (55 °C) horizontal 50.4 A (60 °C) vertical 52.2 A (50 °C) horizontal 53.6 A (55 °C) vertical 55 A (45 °C) horizontal 56.7 A (50 °C) vertical 58 A (40 °C) horizontal 60 A (45 °C) vertical 61 A (35 °C) horizontal 63 A (40 °C) power dissipation per fuse: 7.5 W 63 A (40 °C) vertical
[Ithe] Conventional Enclosed Thermal Current	63 A at 40 °C, Power dissipation per fuse: 7.5 W (300 mm x 350 mm x 200 mm)
Maximum Power	30 kW at 380/400 V AC 50/60 Hz 30 kW at 415 V AC 50/60 Hz 37 kW at 500/525 V AC 50/60 Hz 60 kW at 660/690 V AC 50/60 Hz 18.5 kW at 220/240 V AC 50/60 Hz
Rated Duty	Uninterrupted
Intermittent Duty Class	Class 120 - 60 %
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz 1000 V DC
[Uimp] Rated Impulse Withstand Voltage	12 kV
[Ue] 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
[Im] Rated Making And Breaking Capacity	Icm 105 kA at 690 V conforming to DIN (with fuse) Icm 13 kA at 690 V (without fuse) Icm 17 kA at 415 V (without fuse) Icm 17 kA at 500 V (without fuse) Icm 176 kA at 415 V conforming to BS (with fuse) Icm 220 kA at 500 V conforming to DIN (with fuse) Icn 100 kA at 500 V conforming to DIN (with fuse) Icn 50 kA at 690 V conforming to DIN (with fuse) Icn 80 kA at 415 V conforming to BS (with 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
[Icw] Rated Short-Time Withstand Current	0.46 kA for 30 s 0.56 kA for 20 s 1.44 kA for 3 s 2.5 kA for 1 s
Design	Horizontal design
Connections Terminals	Screw clamp terminals
Connections - Terminals	Screw clamp terminals 63 A 2.5...25 mm² flexible Screw clamp terminals 63 A 2.5...25 mm² rigid
Tightening Torque	2 N.m for terminal

Height	100 mm
Width	188 mm
Depth	128 mm
Standards	EN/IEC 60269-1 EN/IEC 60269-4 EN/IEC 60947-5 EN/IEC 60947-3 EN/IEC 60947-1
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

Contractual warranty

Warranty	18 months
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