



### Main

Range of product	INF63
Range	Fupact
Product name	Fupact INF
Device short name	INFC63
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P
Protected poles description	3f
Fuse type	NFC
Fuse size	14 x 51 mm
Network type	AC DC
Network frequency	50/60 Hz

### Complementary

Control type	Without handle
Rotary handle mounting location	Front
Rotary handle mounting style	Extended Direct
Mounting support	Mounting plate DIN rail with specific accessories
[Ie] rated operational current	AC-23A : 50 A AC 50/60 Hz 500/525 V DC-22A : 50 A DC 250 V 3 poles in series DC-23A : 50 A DC 125 V 3 poles in series AC-22A : 50 A AC 50/60 Hz 500/525 V AC-23A : 50 A AC 50/60 Hz 220/240 V AC-23A : 50 A AC 50/60 Hz 440/480 V AC-23B : 50 A AC 50/60 Hz 660/690 V AC-22A : 50 A AC 50/60 Hz 220/240 V DC-22A : 50 A DC 125 V 3 poles in series AC-22A : 50 A AC 50/60 Hz 440/480 V DC-23A : 50 A DC 250 V 3 poles in series AC-22A : 50 A AC 50/60 Hz 660/690 V AC-23A : 50 A AC 50/60 Hz 380/415 V AC-22A : 50 A AC 50/60 Hz 380/415 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

[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 ( 40 °C ) / Power dissipation per fuse: 7.5 W 300 mm x 350 mm x 200 mm
Maximum power	30 kW 380/400 V AC 50/60 Hz 30 kW 415 V AC 50/60 Hz 37 kW 500/525 V AC 50/60 Hz 60 kW 660/690 V AC 50/60 Hz 18.5 kW 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 conforming to DIN 690 V with fuse Icm 13 kA 690 V without fuse Icm 17 kA 415 V without fuse Icm 17 kA 500 V without fuse Icm 176 kA conforming to BS 415 V with fuse Icm 220 kA conforming to DIN 500 V with fuse Icn 100 kA conforming to DIN 500 V with fuse Icn 50 kA conforming to DIN 690 V with fuse Icn 80 kA conforming to BS 415 V 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 ( 30 s ) 0.56 kA ( 20 s ) 1.44 kA ( 3 s ) 2.5 kA ( 1 s )
Design	Horizontal design
Connections terminals	Screw clamp terminals
Connections - terminals	Screw clamp terminals 63 A cable 2.5...25 mm <sup>2</sup> - cable stiffness: flexible Screw clamp terminals 63 A cable 2.5...25 mm <sup>2</sup> - cable stiffness: rigid
Tightening torque	Terminal : 2 N.m
Height	100 mm
Width	143 mm
Depth	128 mm
Standards	EN/IEC 60947-3 EN/IEC 60269-1

EN/IEC 60947-1  
EN/IEC 60947-5  
EN/IEC 60269-4

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	INF63

### Contractual warranty

Warranty period	18 months
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Product Life Status

**END-OF-SALE NOTICE**

49512