Product datasheet

Specifications

Switch disconnector fuse, FuPact INFC32, 32 A, 4 poles 3F, fuse type NFC 10 x 38 mm, front control

LV480651

Discontinued

Discontinued on: 01-Nov-2020

Main

Range Of Product	INF32
Range	FuPact
Product Name	Fupact INF
Device Short Name	INFC32
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles Description	4P
Protected Poles Description	3f
Fuse Type	NFC
Fuse Size	10 x 38 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
[Ie] Rated Operational Current	AC-22A: 32 A at 220/240 V AC 50/60 Hz AC-22A: 32 A at 380/415 V AC 50/60 Hz AC-22A: 32 A at 440/480 V AC 50/60 Hz AC-22A: 32 A at 500/525 V AC 50/60 Hz AC-22A: 32 A at 660/690 V AC 50/60 Hz AC-23A: 32 A at 220/240 V AC 50/60 Hz AC-23A: 32 A at 380/415 V AC 50/60 Hz AC-23A: 32 A at 440/480 V AC 50/60 Hz AC-23A: 32 A at 500/525 V AC 50/60 Hz AC-23A: 32 A at 660/690 V AC 50/60 Hz DC-22A: 32 A at 125 V DC (2 poles in series) DC-22A: 32 A at 250 V DC (2 poles in series) DC-23A: 32 A at 500 V DC (4 poles in series) DC-23A: 32 A at 750 V DC (4 poles in series)

[Ith] 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
[Ithe] 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 %
[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 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) Icm 6 kA at 690 V (without fuse) Icm 9 kA at 415 V (without fuse) Icm 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
[Icw] 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 mm² flexible Screw clamp terminals 32 A 0.5…10 mm² rigid
Tightening Torque	2 N.m for terminal

Height	97 mm
Width	142 mm
Depth	105 mm
Standards	EN/IEC 60947-3 EN/IEC 60947-1 EN/IEC 60947-5 EN/IEC 60269-1 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

Contractual warranty

Warranty	18 months

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins