

Product data sheet

Specifications



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

LV480651

⚠ Discontinued on: Jan 8, 2021

⚠ Discontinued

Main

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|-----------------------------|--------------------------|
| 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

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| Control Type | Without handle |
| Rotary Handle Mounting Location | Front |
| Rotary Handle Mounting Style | Extended Direct |
| Mounting Support | Mounting plate DIN rail |

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| [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) |
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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

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| [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

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| 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 |

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|---------------------------------------|--|
| 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

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| Warranty | 18 months |
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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.

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[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

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|--------------------------|---|
| 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 |