



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 | 3P |
| Protected poles description | 3f |
| Fuse type | NFC |
| Fuse size | 10 x 38 mm |
| Network type | DC AC |
| 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 |
| [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

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| [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

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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 |
| [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 |

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| Width | 106 mm |
| Depth | 105 mm |
| Standards | EN/IEC 60269-4 EN/IEC 60947-1 EN/IEC 60947-3 EN/IEC 60947-5 EN/IEC 60269-1 |
| 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 |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) 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

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| Warranty | 18 months |
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