

LV480802

Fuse switch disconnecter, FuPacT ISFT160, 160A, DIN NH00, 3 poles, backplate mounting, 2.5mm² to 95mm² cable connectors



Main

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|---|---|
| Range | FuPacT |
| Product name | FuPacT ISFT |
| Device short name | ISFT160 |
| Product or component type | Fuse-switch disconnecter |
| Device application | Equipment protection, monitoring and control Distribution |
| Signalling function | Separated fuse monitor |
| Poles description | 3P |
| Number of fuse carriers | 3 |
| Fuse type | DIN |
| Fuse size | NH00 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-3 |
| Visible break | Yes |
| Contact position indicator | Yes |
| [I _{th}] conventional free air thermal current | 160 A (40 °C) power dissipation per fuse: 12 W |
| [I _{the}] conventional enclosed thermal current | 160 A at 40 °C, Power dissipation per fuse: 12 W |
| Maximum power dissipation per pole | 15 W |
| [U _e] rated operational voltage | 690 V AC 50/60 Hz 440 V DC 800 V AC 50/60 Hz AC-20 800 V DC DC-20 |
| [U _i] rated insulation voltage | 1000 V AC 50/60 Hz 1000 V DC |
| [U _{imp}] rated impulse withstand voltage | 8 kV |
| [I _e] rated operational current | AC-21B: 160 A at 220/240 V AC 50/60 Hz AC-21B: 160 A at 380/415 V AC 50/60 Hz AC-21B: 160 A at 440/480 V AC 50/60 Hz AC-21B: 160 A at 500 V AC 50/60 Hz AC-21B: 160 A at 660/690 V AC 50/60 Hz AC-22B: 160 A at 220/240 V AC 50/60 Hz AC-22B: 160 A at 380/415 V AC 50/60 Hz AC-22B: 160 A at 440/480 V AC 50/60 Hz AC-22B: 160 A at 500 V AC 50/60 Hz DC-21B: 160 A at 220 V DC (3 poles in series) DC-21B: 125 A at 440 V DC (3 poles in series) DC-22B: 160 A at 220 V DC (3 poles in series) |

Complementary

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| [I _q] Breaking capacity with fuses (kA RMS) | 80 kA at 415 V (AC) 80 kA at 500 V (AC) 25 kA at 690 V (AC) |
| [I _{cw}] rated short-time withstand current | 5 kA for 1 s |
| [I _{cm}] Rated short-circuit making capacity | 7.65 kA at 690 V |
| Rated duty | Uninterrupted |
| Control type | Fuse carriers handle |
| Provision for padlocking | Lead seal |

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| Mounting position | Vertical Horizontal |
| Mounting mode | Fixed |
| Mounting support | Mounting plate Busbars |
| Mounting location | Side by side |
| Contact operation | Single-break |
| Mechanical durability | 1600 cycles |
| Electrical durability | AC-21B: 200 cycles 690 V AC 50/60 Hz AC-22B: 200 cycles 500 V AC 50/60 Hz AC-23B: 200 cycles 415 V AC 50/60 Hz |
| Connections - terminals | Screw clamp terminals upstream 160 A 2.5...95 mm ² Screw clamp terminals downstream 160 A 2.5...95 mm ² |
| Tightening torque | 12 N.m for terminal |
| Width | 106 mm |
| Height | 206 mm |
| Depth | 80 mm |
| Net weight | 0.6 kg |
| Standards | EN/IEC 60947-1 EN/IEC 60947-3 |
| Product certifications | CE[RETURN]CCC[RETURN]EAC |



Environment

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| Electrical shock protection class | Class II front face |
| IP degree of protection | IP3x front face: conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to EN 50102 |
| Pollution degree | 3 conforming to IEC 60947 |
| Ambient air temperature for operation | -20...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 15.4 cm |
| Package 1 Width | 12.3 cm |
| Package 1 Length | 24.7 cm |
| Package 1 Weight | 915 g |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 30 cm |
| Package 2 Width | 40 cm |
| Package 2 Length | 60 cm |
| Package 2 Weight | 9.984 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 120 |
| Package 3 Height | 105 cm |
| Package 3 Width | 80 cm |
| Package 3 Length | 120 cm |
| Package 3 Weight | 131.808 kg |

Offer Sustainability

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|------------------------|---|
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |

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| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
