



Main

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| Range of product | ISFT160 |
| 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 |

Complementary

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| Poles description | 3P |
| Protected poles description | 3f |
| Fuse type | DIN |
| Fuse size | NH000 NH00 |
| Network type | DC AC |
| Network frequency | 50/60 Hz |
| Control type | Fuse carriers handle |
| [I _{th}] conventional free air thermal current | 112 A (70 °C) horizontal 112 A (70 °C) vertical 120 A (65 °C) horizontal 120 A (65 °C) vertical 128 A (60 °C) horizontal 128 A (60 °C) vertical 136 A (55 °C) horizontal 136 A (55 °C) vertical 144 A (50 °C) horizontal 144 A (50 °C) vertical 152 A (45 °C) horizontal 152 A (45 °C) vertical 160 A (40 °C) power dissipation per fuse: 12 W 160 A (40 °C) horizontal 160 A (40 °C) vertical |
| [I _{the}] conventional enclosed thermal current | 160 A (40 °C) / Power dissipation per fuse: 12 W |
| Rated duty | Uninterrupted |
| [U _i] rated insulation voltage | 800 V AC 50/60 Hz |

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|---|---|
| | 800 V DC |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ue] rated operational voltage | 440 V DC 690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20 800 V DC DC-20 |
| [Ie] rated operational current | 100 A AC-21B 660/690 V AC 50/60 Hz 160 A AC-21B 220/240 V AC 50/60 Hz 160 A AC-21B 380/415 V AC 50/60 Hz 160 A AC-22B 220/240 V AC 50/60 Hz 160 A AC-22B 380/415 V AC 50/60 Hz 160 A AC-21B 440/480 V AC 50/60 Hz 160 A AC-21B 500 V AC 50/60 Hz 160 A DC-21B 125 V DC 1 pole 160 A DC-21B 220 V DC 1 pole 160 A DC-21B 440 V DC 2 poles in series |
| [Im] rated making and breaking capacity | Icm 105 kA 415 V Icm 105 kA 500 V Icm 105 kA 690 V Icn 50 kA 415 V Icn 50 kA 500 V Icn 50 kA 690 V |
| Suitability for isolation | Yes |
| Visible break | Yes |
| Contact operation | Single-break |
| Mechanical durability | 1600 cycles |
| Electrical durability | 200 cycles 690 V AC 50/60 Hz AC-21B 200 cycles 415 V AC 50/60 Hz AC-22B |
| Provision for padlocking | 3 padlocks |
| Mounting support | Busbars |
| Mounting support | Busbars |
| Mounting location | Side by side |
| Design | Horizontal design |
| Connections - terminals | Push-on 160 A busbar 60 mm |
| Tightening torque | Terminal : 4 N.m |

Environment

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|---------------------------------------|---|
| Height | 163 mm |
| Width | 107 mm |
| Depth | 80 mm |
| Standards | EN/IEC 60947-3 EN/IEC 60947-1 IEC 60269-2-1 |
| Product certifications | KEMA-KEUR |
| IP degree of protection | IP20 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 | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |
| Compatibility code | ISFT160 |

Offer Sustainability

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| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
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Contractual warranty

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| Warranty period | 18 months |
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