

Product data sheet

Specifications



assembled manual source
changeover, TransferPacT
FXM160 for ComPacT INS250
switch disconnectors, 160A, 3P

31144

Main

| | |
|---|--|
| Range Of Product | INS250 |
| Range | TransferPacT ComPact |
| Device Short Name | INS250 |
| Product Or Component Type | Manual transfer switch |
| Device Application | Change source of supply |
| Range Compatibility | ComPact ComPacT INS INS250 switch disconnectors |
| Poles Description | 3P |
| Network Type | AC DC |
| Network Frequency | 50/60 Hz |
| Mounting Mode | Fixed |
| Upside Connection | Front |
| Downside Connection | Front |
| Suitability For Isolation | Yes |
| Contact Position Indicator | Yes |
| [Icm] Rated Short-Circuit Making Capacity | 30 kA switch-disconnector alone 690 V AC at 50/60 Hz 330 kA with upstream protection circuit breaker 690 V AC at 50/60 Hz |

Complementary

| | |
|--------------------------------|--|
| Transfer Switch Class | PC |
| Number Of Contact Position | 3 |
| Control Type | Direct front rotary handle |
| Operating Mode | Manual |
| Mounting Support | Plate Rail |
| Locking Options Description | Padlocking in OFF position |
| [Ie] Rated Operational Current | AC-22A: 160 A AC 50/60 Hz 220/240 V AC-22A: 160 A AC 50/60 Hz 380/415 V AC-22A: 160 A AC 50/60 Hz 440/480 V AC-22A: 160 A AC 50/60 Hz 500/525 V AC-22A: 160 A AC 50/60 Hz 660/690 V AC-23A: 160 A AC 50/60 Hz 220/240 V AC-23A: 160 A AC 50/60 Hz 380/415 V AC-23A: 160 A AC 50/60 Hz 440/480 V AC-23A: 160 A AC 50/60 Hz 500/525 V AC-23A: 160 A AC 50/60 Hz 660/690 V DC-22A: 160 A DC 125 V 2 poles in series DC-23A: 160 A DC 125 V 2 poles in series |

| | |
|--|--|
| [Ith] Conventional Free Air Thermal Current | 160 A at 60 °C |
| Rated Duty | Uninterrupted |
| Intermittent Duty Class | Class 120 - 60 % |
| [Uij] Rated Insulation Voltage | 750 V AC 50/60 Hz |
| [Uimp] Rated Impulse Withstand Voltage | 8 kV |
| [Ue] Rated Operational Voltage | 690 V AC 50/60 Hz conforming to IEC 60947-3 125 V DC conforming to IEC 60947-3 |
| Mechanical Interlocking | With mechanical interlocking |
| Mechanical Durability | 15000 cycles |
| Electrical Durability | AC-22A: 1500 cycles 440 V AC 50/60 Hz AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-22A: 1500 cycles 690 V AC 50/60 Hz AC-23A: 1500 cycles 440 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 DC-22A: 1500 cycles 125 V DC 2 poles in series DC-23A: 1500 cycles 125 V DC 2 poles in series |
| Connection Pitch | 35 mm |
| [Icw] Rated Short-Time Withstand Current | 1.8 kA during 30 s conforming to IEC 60947-3 2.2 kA during 20 s conforming to IEC 60947-3 4.9 kA during 3 s conforming to IEC 60947-3 8.5 kA during 1 s conforming to IEC 60947-3 |
| Height | 136 mm |
| Width | 295 mm |
| Depth | 131 mm |
| Net Weight | 6.4 kg |

Environment

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|--|--------------------------------|
| Standards | IEC 60947-3 IEC 60947-1 |
| Product Certifications | CB |
| Electrical Shock Protection Class | Class II |
| Ip Degree Of Protection | IP40 conforming to IEC 60947-3 |
| Pollution Degree | 3 |
| Ambient Air Temperature For Operation | -25...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 | 16.500 cm |
| Package 1 Width | 16.500 cm |
| Package 1 Length | 40.000 cm |
| Package 1 Weight | 6.400 kg |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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 >](#)



RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins