

Product data sheet

Specifications



MV vacuum circuit breaker, EasyPact EXE, basic function, 17.5kV, 1250A, 31.5kA 3s, 150mm, IEC

EXE173112K1B

Main

| | |
|--|------------------------------|
| Master Range | Easy Series |
| Range Of Product | EasyPact |
| Product Name | EasyPact EXE |
| Switching Device | Circuit breaker |
| Breaking Technology | Vacuum |
| Product Or Component Type | Circuit breaker |
| Pole Type | Open |
| Number Of Poles | 3 |
| Network Type | AC |
| Type Of Installation | Indoor |
| Integration Type | Fixed |
| Variant | Basic function |
| Standards | IEC 62271-100:2012 |
| Rated Voltage (Ur) | 17.5 kV |
| Rated Short-Duration Power Frequency Withstand Voltage (Ud) / Common Value | 38 kV |
| Rated Lightning Impulse Withstand Voltage (Up) / Common Value | 95 kV |
| Rated Frequency (Fr) | 50/60 Hz |
| Rated Continuous Current (Ir) | 1250 A |
| Rated Short-Circuit Breaking Current (Isc) | 31.5 kA |
| Rated Short-Circuit Making Current | 79 kA 50 Hz 81.9 kA 60 Hz |
| Dc Time Constant (T) | 45 ms |
| Dc Component | 30 % |
| Rated Short-Time Withstand Current (Ik) | 31.5 kA |
| Rated Duration Of Short-Circuit (Tk) | 3 s |
| Rated Peak Withstand Current (Ip) | 79 kA 50 Hz 81.9 kA 60 Hz |
| Rated First Pole-To-Clear Factor (Kpp) | 1.5 |
| Rated Out-Of-Phase Breaking Current (Id) | 7.88 kA |
| Rated Line-Charging Breaking Current (Il) | 10 A |

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

| | |
|--|--|
| Rated Cable-Charging Breaking Current (Ic) | 25 A |
| Rated Single Capacitor Bank-Breaking Current (Isb) | 400 A |
| Rated Operating Sequence | O - 3 min - CO - 3 min - CO O - 0.3 s - CO - 3 min - CO O - 0.3 s - CO - 15 s - CO |

Complementary

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|--|--|
| Auxiliary Contact Composition | 4 NO + 4 NC |
| Operating Time | < 50 ms opening time < 66 ms break-time < 71 ms closing time |
| Motor Charging Time | <= 7 s |
| Classification For Electrical Endurance | E2 |
| Number Of Operations At Short-Circuit Breaking Current | 50 |
| Classification For The Connection To The Network | S1 |
| Classification For Capacitive Currents | C1 |
| Number Of Mechanical Operations | 10000 operating cycles |
| Classification For Number Of Mechanical Operations | M2 |
| Mass | 50 kg |
| Height | 527 mm |
| Width | 477 mm |
| Depth | 429 mm |
| Phase Distance | 150 mm |
| Clearance In Air To Earth | 150 mm |
| Upper Lower Connection Distance | 270 mm |

Environment

| | |
|---------------------------------------|---|
| Product Certifications | ASEFA |
| Ambient Air Temperature For Operation | -25...40 °C |
| Ambient Air Temperature For Storage | -25...55 °C |
| Humidity Conditions | Average relative humidity over 1 month <= 90 % Average relative humidity over 24 h <= 95 % |
| Operating Altitude | 0...1000 m |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 58.000 cm |
| Package 1 Width | 75.000 cm |
| Package 1 Length | 78.000 cm |
| Package 1 Weight | 64.500 kg |

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 >](#)



Transparency RoHS/REACH

Well-being performance



Mercury Free



RoHS Exemption Information

Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu RoHS Directive

Pro-active compliance (Product out of EU RoHS legal scope)

China RoHS Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)