

Product data sheet

Specifications



circuit breaker, EasyPact
CVS100BS, 25kA at 415VAC, 100A,
TM-D trip unit, 4P3d

LV510958

Main

| | |
|--|--|
| Range | EasyPact |
| Product Name | EasyPact CVS |
| Device Short Name | CVS100BS |
| Product Or Component Type | Circuit breaker |
| Device Application | Distribution |
| Poles Description | 4P |
| Protected Poles Description | 3D |
| Earth Leakage Protection (Vigi Add On) | Without |
| [In] Rated Current | 100 A at 40 °C |
| Network Type | AC |
| Suitability For Isolation | Yes |
| Utilisation Category | Category A |
| [Icu] Breaking Capacity | 25 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 200/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380/400 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip Unit Name | TM-D |
| Trip Unit Technology | Thermal-magnetic |
| Trip Unit Rating | 100 A at 40 °C |
| Protection Type | Overload protection (long time) Instantaneous short-circuit protection |

Complementary

| | |
|--|--|
| [Uimp] Rated Impulse Withstand Voltage | 8 kV conforming to EN/IEC 60947-2 |
| Network Frequency | 50/60 Hz |
| Breaking Capacity Code | BS |
| [Ics] Rated Service Breaking Capacity | 25 kA at 200/240 V AC 50/60 Hz conforming to IEC 60947-2 17 kA at 380/400 V AC 50/60 Hz conforming to IEC 60947-2 |
| Neutral Position | Left |
| Mechanical Durability | 13000 cycles |
| Electrical Durability | 4000 cycles 415 V In conforming to IEC 60947-2 |
| Control Type | Toggle |
| Thermal Protection Adjustment Range | 70...100 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

| | |
|--|--------------------|
| Neutral Protection Setting | No protection (3D) |
| Long Time Pick-Up Adjustment Type Ir | Adjustable |
| Long Time Pick-Up Adjustment Range | 0.7...1 x In |
| Long Time Delay Adjustment Type | Fixed |
| Instantaneous Pick-Up Adjustment Type Ii | Fixed |
| Instantaneous Pick-Up Adjustment Range | 800 A |
| Contact Position Indicator | Yes |
| Mounting Mode | Fixed |
| Mounting Support | Backplate |
| Upside Connection | Front |
| Downside Connection | Front |
| Connections - Terminals | Screw connection |
| Connection Pitch | 35 mm |
| Compatibility Code | CVS100 |
| Width | 100 mm |
| Depth | 60 mm |
| Height | 130 mm |
| Net Weight | 1 kg |

Environment

| | |
|---------------------------------------|-----------------------------|
| Standards | IEC 60947-2 |
| Product Certifications | CCS GOST CCC |
| Electrical Shock Protection Class | Class II |
| Pollution Degree | 3 conforming to IEC 60664-1 |
| Ip Degree Of Protection | IP40 |
| Ambient Air Temperature For Operation | -25...70 °C |
| Ambient Air Temperature For Storage | -50...85 °C |

Packing Units

| | |
|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 9.0 cm |
| Package 1 Width | 10.5 cm |
| Package 1 Length | 14.0 cm |
| Package 1 Weight | 1.052 kg |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 9 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |

| | |
|------------------------------|----------|
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 9.87 kg |
| Unit Type Of Package 3 | P12 |
| Number Of Units In Package 3 | 288 |
| Package 3 Height | 100 cm |
| Package 3 Width | 125 cm |
| Package 3 Length | 55 cm |
| Package 3 Weight | 327.4 kg |

Contractual warranty

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|----------|-----------|
| 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 >](#)



Transparency RoHS/REACH

Well-being performance



Mercury Free



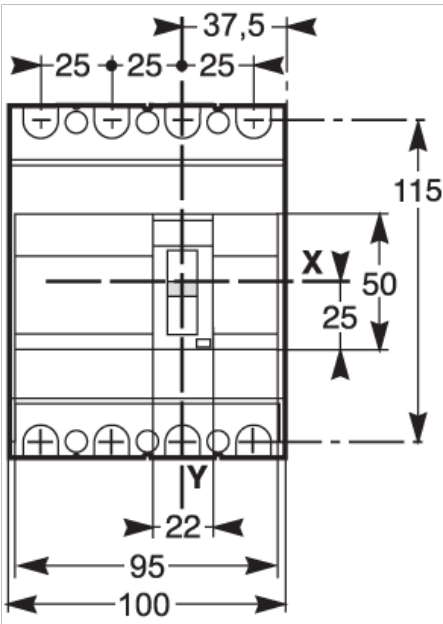
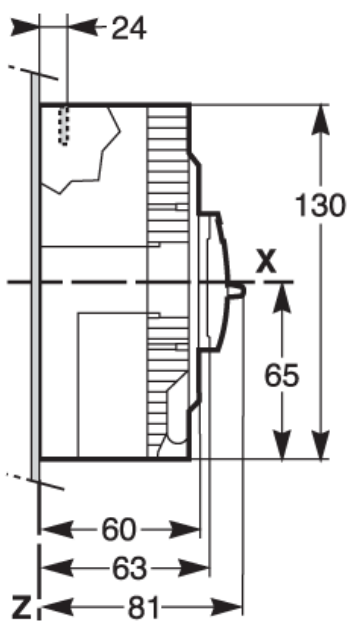
RoHS Exemption Information

Yes

Certifications & Standards

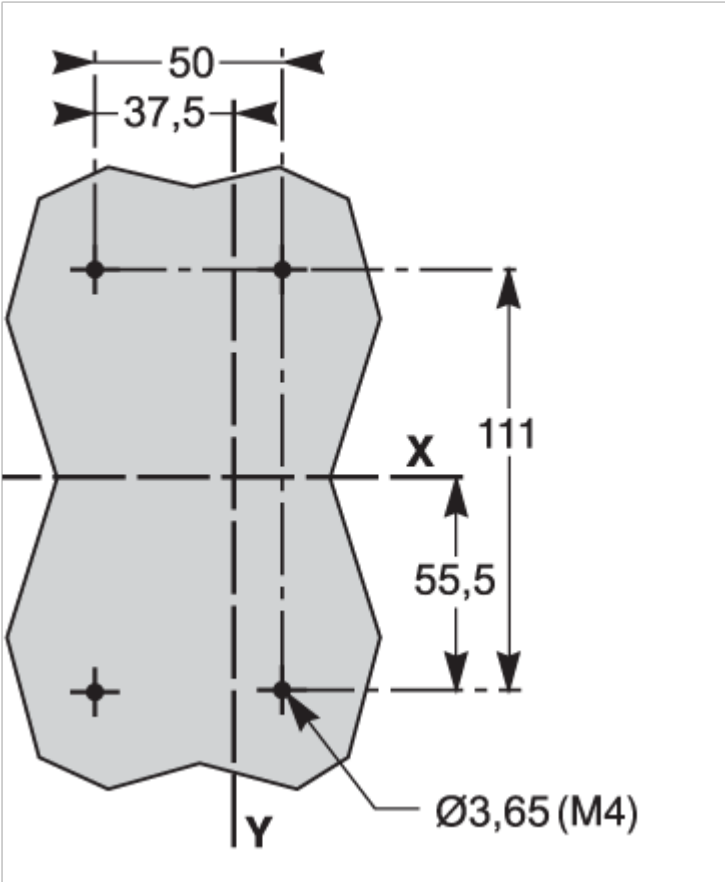
| | |
|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations Circularity Profile |

Dimensions Drawings



Assembly

4P



Performance Curves

100 A

