



### Main

|                                |  |
|--------------------------------|--|
| Commercial Status              | Commercialised   |
| Range of product               | Easypact CVS100...250  |
| Product or component type      | Circuit breaker  |
| Device short name              | CVS100B  |
| Circuit breaker application    | Distribution   |
| Poles description              | 3P   |
| Protected poles description    | 3d   |
| Earth-leakage protection       | Without  |
| [In] rated current             | 100 A ( 40 °C )  |
| Breaking capacity code         | B  |
| Network type                   | AC   |
| [Ue] rated operational voltage | 440 V conforming to EN/IEC 60947-2 AC 50/60 Hz   |
| Breaking capacity              | 25 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz<br>20 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz<br>40 kA Icu conforming to IEC 60947-2 at 220/240 V AC 50/60 Hz |
| Suitability for isolation      | Yes conforming to EN/IEC 60947-2   |
| Utilisation category           | Category A   |
| Trip unit name                 | TM-D   |
| Trip unit technology           | Thermal-magnetic   |
| Trip unit rating               | 50 A ( 40 °C )   |
| Protection type                | Overload protection (thermal)<br>Short-circuit protection (magnetic)   |

### Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| Control type                           | Toggle  |
| Mounting mode                          | Fixed   |
| Mounting support                       | Backplate   |
| Upside connection                      | Front   |
| [Ui] rated insulation voltage          | 690 V conforming to EN/IEC 60947-2  |
| Downside connection                    | Front   |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to EN/IEC 60947-2   |
| [Ics] rated service breaking capacity  | Ics 40 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz<br>Ics 25 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz<br>Ics 15 kA conforming to IEC 60947-2 440 V AC 50/60 Hz |
| Mechanical durability                  | 30000 cycles  |
| Electrical durability                  | 12000 cycles conforming to IEC 60947-2 415 V In   |
| Connection pitch                       | 35 mm   |
| Contact position indicator             | Yes   |
| 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  |
| Short-time delay adjustment type         | Fixed  |
| Instantaneous pick-up adjustment type li | Fixed  |
| Instantaneous pick-up adjustment range   | 500 A  |
| Height                                   | 161 mm |
| Width                                    | 105 mm |
| Depth                                    | 86 mm  |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Electrical shock protection class     | Class II                    |
| Standards                             | EN 60947-2<br>IEC 60947-2   |
| Product certifications                | GOST<br>IEC                 |
| Pollution degree                      | 3 conforming to IEC 60947-1 |
| Ambient air temperature for operation | -25...70 °C                 |
| Ambient air temperature for storage   | -50...85 °C                 |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1041 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|