

# Product datasheet

Specifications



## switch disconnector EasyPact Vigi CVS250NA, 4 poles, 250 A, AC22A, AC23A

LV525428

⚠ Discontinued on: 23 Feb 2022

⚠ Discontinued

### Main

|                                             |                                                                                                                                                                                                                                |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                            | EasyPact CVS100...250                                                                                                                                                                                                          |
| Range                                       | EasyPact                                                                                                                                                                                                                       |
| Product name                                | EasyPact CVS                                                                                                                                                                                                                   |
| Device short name                           | Vigi CVS250NA                                                                                                                                                                                                                  |
| Product or component type                   | Earth leakage switch disconnector                                                                                                                                                                                              |
| Device application                          | Distribution                                                                                                                                                                                                                   |
| Poles description                           | 4P                                                                                                                                                                                                                             |
| Network type                                | AC                                                                                                                                                                                                                             |
| [Ie] rated operational current              | AC-22A: 250 A AC 50/60 Hz 220/240 V<br>AC-22A: 250 A AC 50/60 Hz 380/415 V<br>AC-22A: 250 A AC 50/60 Hz 440 V<br>AC-23A: 250 A AC 50/60 Hz 220/240 V<br>AC-23A: 250 A AC 50/60 Hz 380/415 V<br>AC-23A: 250 A AC 50/60 Hz 440 V |
| [Ith] conventional free air thermal current | 250 A at 50 °C                                                                                                                                                                                                                 |
| [Icm] rated short-circuit making capacity   | 75 kA with upstream protection circuit breaker<br>4.9 kA switch-disconnector alone                                                                                                                                             |
| Breaking capacity code                      | NA                                                                                                                                                                                                                             |
| Suitability for isolation                   | Yes conforming to EN 60947-3<br>Yes conforming to IEC 60947-3                                                                                                                                                                  |
| Utilisation category                        | AC-23A<br>AC-22A                                                                                                                                                                                                               |
| Earth-leakage add-on module name            | MH                                                                                                                                                                                                                             |
| Earth-leakage protection                    | With                                                                                                                                                                                                                           |

### Complementary

|                                          |                                                                                                                                             |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                        | 50/60 Hz                                                                                                                                    |
| Control type                             | Toggle                                                                                                                                      |
| Mounting mode                            | Fixed                                                                                                                                       |
| Mounting support                         | Backplate                                                                                                                                   |
| Upside connection                        | Front                                                                                                                                       |
| Downside connection                      | Front                                                                                                                                       |
| [Icw] rated short-time withstand current | 1.35 kA during 20 s conforming to IEC 60947-3<br>3.5 kA during 1 s conforming to IEC 60947-3<br>3.5 kA during 3 s conforming to IEC 60947-3 |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

|                                                    |                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Contact position indicator                         | Yes                                                                                                                                      |
| Visible break                                      | No                                                                                                                                       |
| Residual earth-leakage sensitivity adjustment type | Adjustable 5 settings                                                                                                                    |
| [IΔn] residual earth-leakage sensitive adjustment  | 10 A<br>0.03 A<br>0.3 A<br>1 A<br>3 A                                                                                                    |
| Residual earth-leakage time delay adjustment type  | Adjustable 4 settings                                                                                                                    |
| [Δt] residual earth-leakage time delay adjustment  | 150 ms<br>0 ms<br>310 ms<br>60 ms                                                                                                        |
| Mechanical durability                              | 20000 cycles conforming to IEC 60947-3                                                                                                   |
| Electrical durability                              | AC-22A: 6500 cycles 415 V AC 50/60 Hz In conforming to IEC 60947-3<br>AC-23A: 6500 cycles 415 V AC 50/60 Hz In conforming to IEC 60947-3 |
| Connection pitch                                   | 35 mm                                                                                                                                    |
| Height                                             | 236 mm                                                                                                                                   |
| Width                                              | 140 mm                                                                                                                                   |
| Depth                                              | 86 mm                                                                                                                                    |

## Environment

|                                       |                           |
|---------------------------------------|---------------------------|
| Standards                             | EN 60947-3<br>IEC 60947-3 |
| Product certifications                | GOST<br>IEC               |
| Electrical shock protection class     | Class II                  |
| Pollution degree                      | 3 conforming to IEC 60529 |
| 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             | 14 cm    |
| Package 1 Width              | 15 cm    |
| Package 1 Length             | 25 cm    |
| Package 1 Weight             | 3.711 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained](#) >

[How we assess product sustainability](#) >

### Use Better

|                                   |           |
|-----------------------------------|-----------|
| <b>Materials and Substances</b>   |           |
| <a href="#">EU RoHS Directive</a> | Compliant |

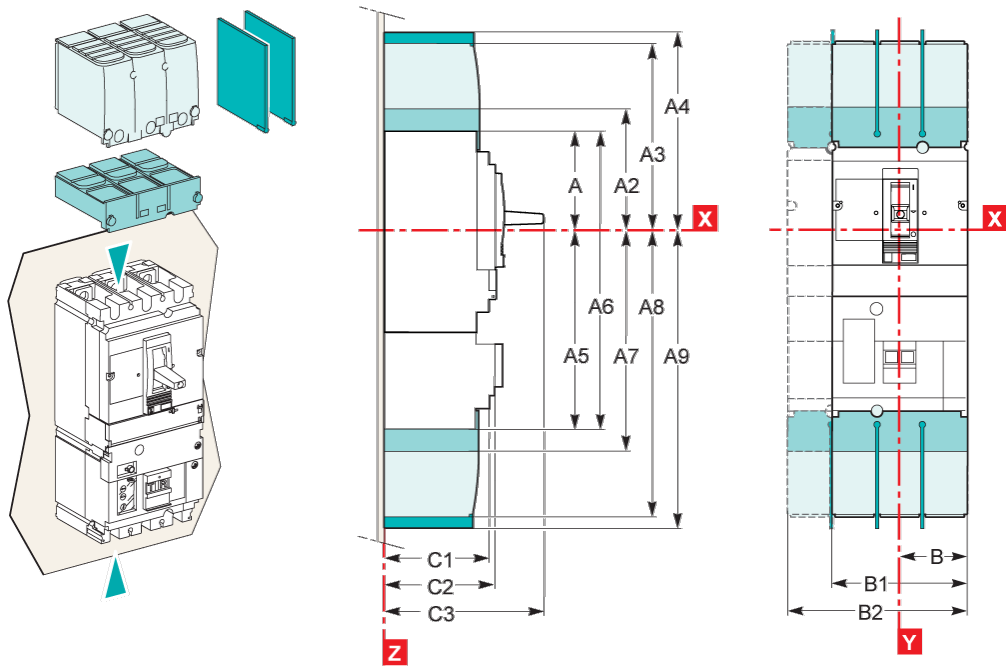
### Use Longer

|                           |    |
|---------------------------|----|
| <b>Lifetime extension</b> |    |
| Repair                    | No |

### Use Again

|                                 |                                                                                                                             |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Repack and remanufacture</b> |                                                                                                                             |
| WEEE Label                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

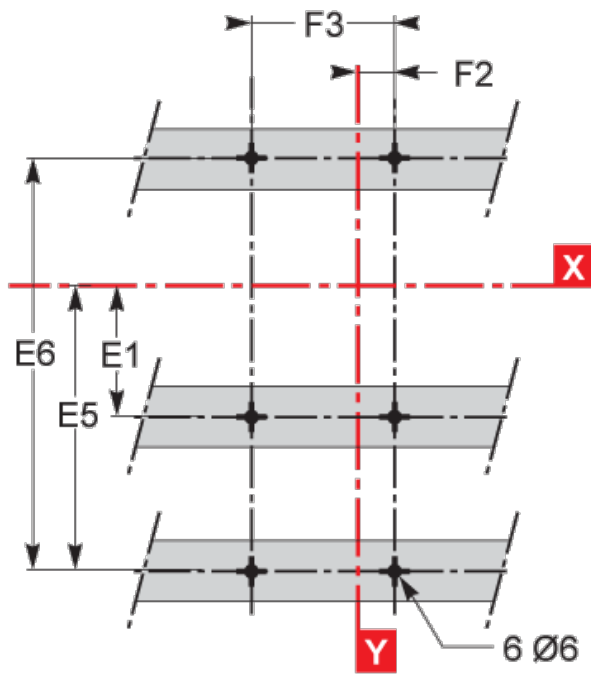
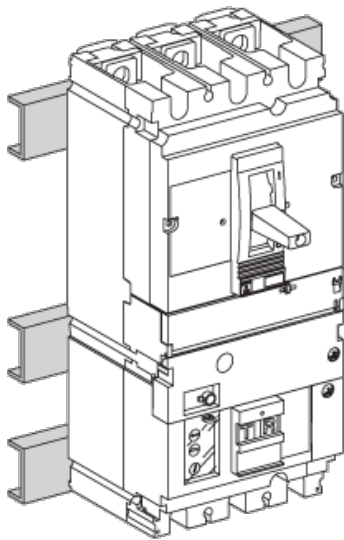
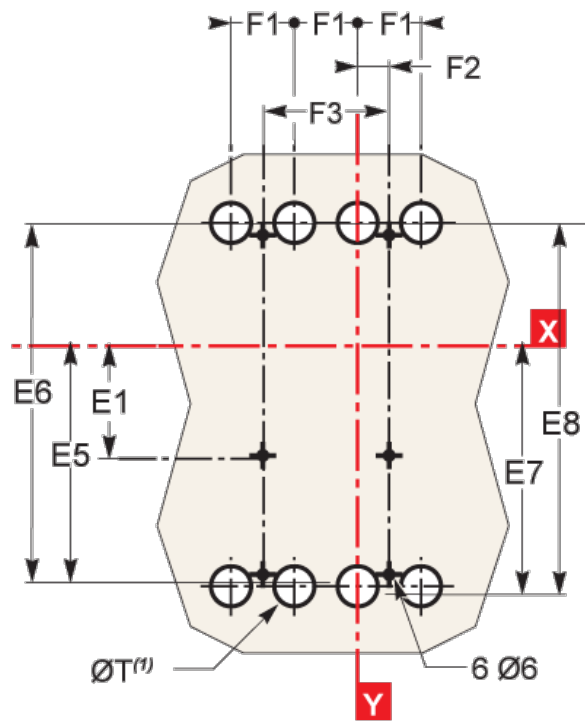
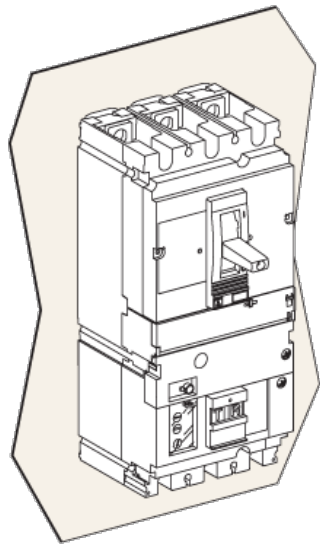
Dimensions Drawings



| Type           | A     | A1    | A2    | A3    | A4    | A5    | A6  | A7    | A8   | A9    | B    | B1  | B2   | C1   | C2   | C3                 | E1   |
|----------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|--------------------|------|
| CVS100/160/250 | 80.5  | 161   | 94    | 145   | 178.5 | 155.5 | 236 | 169   | 220  | 253.5 | 52.5 | 105 | 140  | 81   | 86   | 111 <sup>(2)</sup> | 62.5 |
| CVS400/630     | 127.5 | 255   | 142.5 | 200   | 237   | 227.5 | 355 | 242.5 | 300  | 337   | 70   | 140 | 185  | 95.5 | 110  | 168                | 100  |
| Type           | E2    | E3    | E4    | E5    | E6    | E7    | E8  | F1    | F2   | F3    | G1   | G2  | G3   | G4   | G5   | ØT                 | U    |
| CVS100/160/250 | 125   | 70    | 140   | 137.5 | 200   | 145   | 215 | 35    | 17.5 | 70    | 95   | 75  | 13.5 | 23   | 17.5 | 24                 | y 32 |
| CVS400/630     | 200   | 113.5 | 227   | 200   | 300   | 213.5 | 327 | 45    | 22.5 | 90    | -    | -   | -    | -    | -    | 32                 | y 35 |

(2) C3=126mm for EasyPact CVS250B/F.

Assembly



| Type           | A     | A1    | A2    | A3    | A4    | A5    | A6  | A7    | A8   | A9    | B    | B1  | B2   | C1   | C2   | C3                 | E1   |
|----------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|--------------------|------|
| CVS100/160/250 | 80.5  | 161   | 94    | 145   | 178.5 | 155.5 | 236 | 169   | 220  | 253.5 | 52.5 | 105 | 140  | 81   | 86   | 111 <sup>(2)</sup> | 62.5 |
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| Type           | E2    | E3    | E4    | E5    | E6    | E7    | E8  | F1    | F2   | F3    | G1   | G2  | G3   | G4   | G5   | ØT                 | U    |
| CVS100/160/250 | 125   | 70    | 140   | 137.5 | 200   | 145   | 215 | 35    | 17.5 | 70    | 95   | 75  | 13.5 | 23   | 17.5 | 24                 | y 32 |
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(2) C3=126mm for EasyPact CVS250B/F.