

# Product data sheet

Specifications



switch disconnecter, EasyPact  
CVS100NA, 3 poles, 100A, AC22A,  
AC23A

LV510425

## Main

|                                             |                                                                                                                                                                                                                                |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product                            | EasyPact CVS100...250                                                                                                                                                                                                          |
| Range                                       | EasyPact                                                                                                                                                                                                                       |
| Product Name                                | EasyPact CVS                                                                                                                                                                                                                   |
| Device Short Name                           | CVS100NA                                                                                                                                                                                                                       |
| Product Or Component Type                   | Switch disconnecter                                                                                                                                                                                                            |
| Device Application                          | Distribution                                                                                                                                                                                                                   |
| Poles Description                           | 3P                                                                                                                                                                                                                             |
| Network Type                                | AC                                                                                                                                                                                                                             |
| [Ie] Rated Operational Current              | AC-22A: 100 A AC 50/60 Hz 220/240 V<br>AC-22A: 100 A AC 50/60 Hz 380/415 V<br>AC-22A: 100 A AC 50/60 Hz 440 V<br>AC-23A: 100 A AC 50/60 Hz 220/240 V<br>AC-23A: 100 A AC 50/60 Hz 380/415 V<br>AC-23A: 100 A AC 50/60 Hz 440 V |
| [Ith] Conventional Free Air Thermal Current | 100 A at 50 °C                                                                                                                                                                                                                 |
| [Icm] Rated Short-Circuit Making Capacity   | 75 kA with upstream protection circuit breaker<br>2.6 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-22A<br>AC-23A                                                                                                                                                                                                               |
| Earth-Leakage Protection                    | Without                                                                                                                                                                                                                        |

## 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 | 0.69 kA during 20 s conforming to IEC 60947-3<br>1.8 kA during 1 s conforming to IEC 60947-3<br>1.8 kA during 3 s conforming to IEC 60947-3 |
| Contact Position Indicator               | Yes                                                                                                                                         |
| Visible Break                            | No                                                                                                                                          |

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

|                       |                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical Durability | 30000 cycles conforming to IEC 60947-3                                                                                                   |
| Electrical Durability | AC-22A: 8000 cycles 415 V AC 50/60 Hz In conforming to IEC 60947-3<br>AC-23A: 8000 cycles 415 V AC 50/60 Hz In conforming to IEC 60947-3 |
| Connection Pitch      | 35 mm                                                                                                                                    |
| Height                | 161 mm                                                                                                                                   |
| Width                 | 105 mm                                                                                                                                   |
| Depth                 | 86 mm                                                                                                                                    |
| Net Weight            | 2.05 kg                                                                                                                                  |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | IEC 60947-3<br>EN 60947-3   |
| Product Certifications                | GOST<br>IEC                 |
| Electrical Shock Protection Class     | Class II                    |
| Pollution Degree                      | 3 conforming to IEC 60664-1 |
| 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              | 11.2 cm  |
| Package 1 Length             | 19.3 cm  |
| Package 1 Weight             | 1.718 kg |
| Unit Type Of Package 2       | S04      |
| Number Of Units In Package 2 | 13       |
| Package 2 Height             | 30 cm    |
| Package 2 Width              | 40 cm    |
| Package 2 Length             | 60 cm    |
| Package 2 Weight             | 23.1 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-CO<sub>2</sub> 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](#)

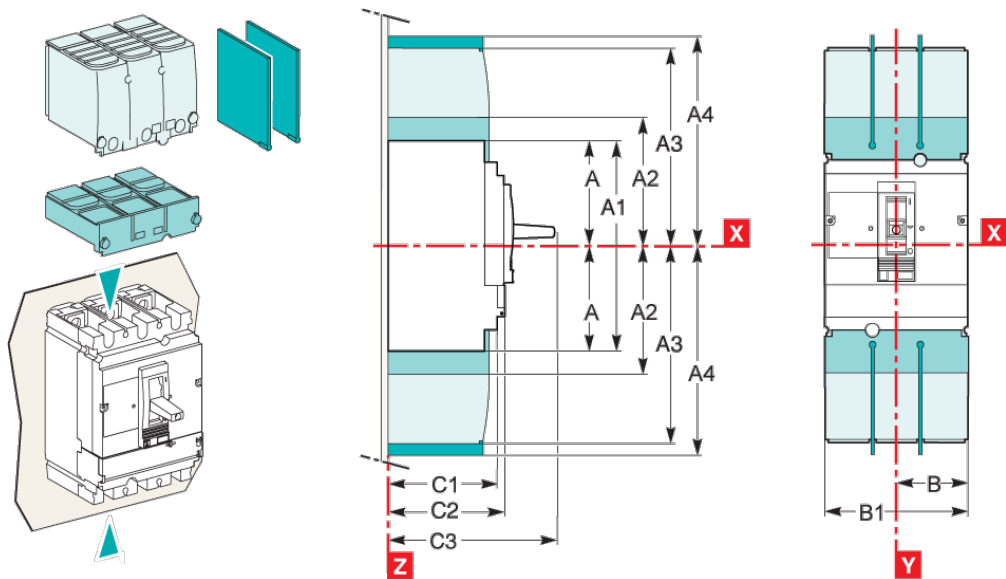
Weee

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

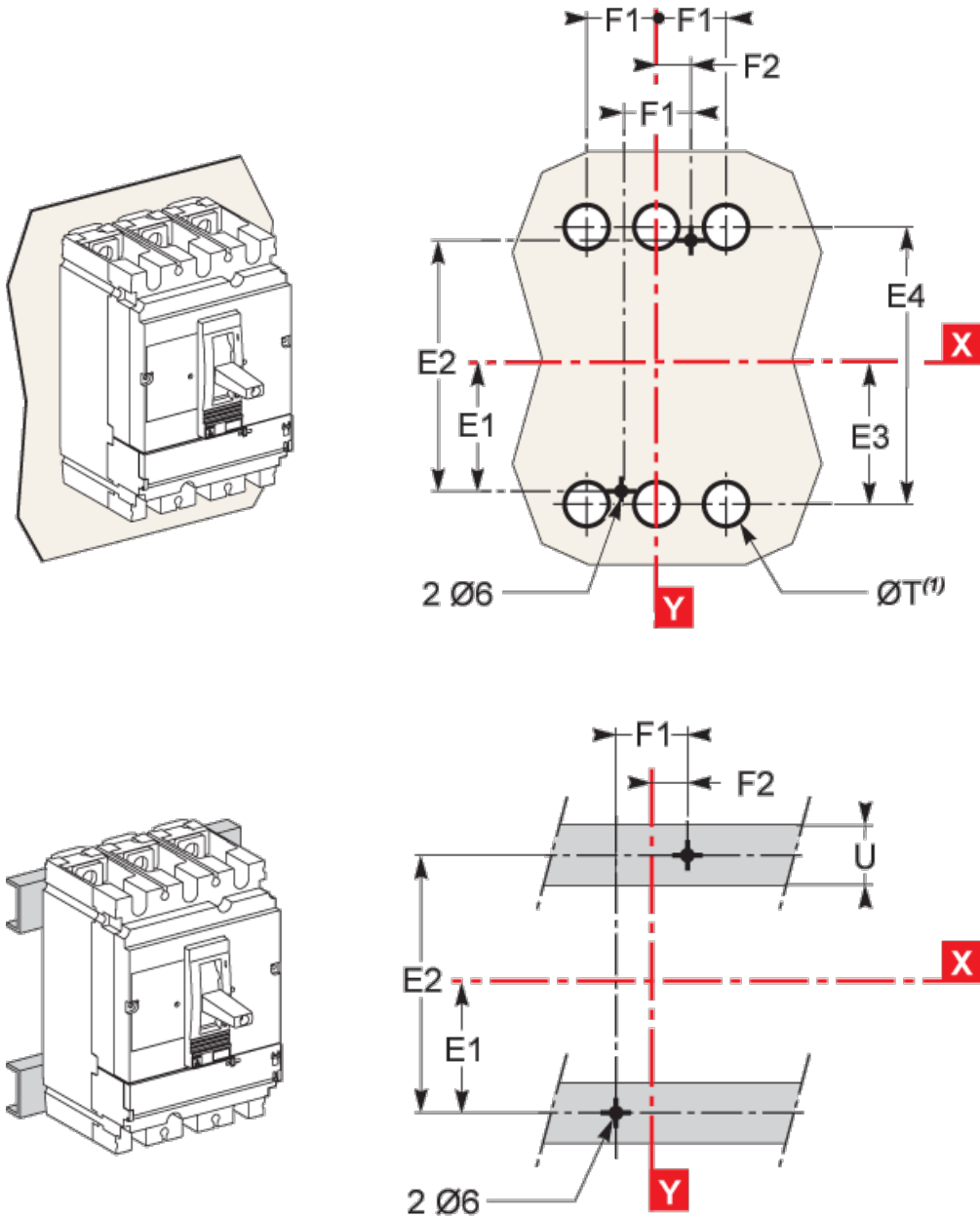
Dimensions Drawings



| Type           | A     | A1    | A2    | A3    | A4    | A5    | A6  | A7    | A8   | A9    | B    | B1  | B2   | C1   | C2   | C3                 | E1   |
|----------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|--------------------|------|
| CVS100/160/250 | 80.5  | 161   | 84    | 146   | 170.5 | 155.5 | 236 | 169   | 226  | 353.5 | 52.5 | 165 | 140  | 81   | 86   | 111 <sup>(*)</sup> | 62.5 |
| CVS400/630     | 127.5 | 255   | 142.5 | 200   | 287   | 227.5 | 355 | 242.5 | 300  | 337   | 70   | 140 | 185  | 95.5 | 110  | 169                | 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    | 55   | 75  | 13.5 | 23   | 17.5 | 24                 | y32  |
| CVS400/630     | 200   | 113.5 | 227   | 200   | 300   | 213.5 | 327 | 45    | 22.5 | 80    | -    | -   | -    | -    | -    | 32                 | y35  |

(\*) C3=126mm for EasyPost CVS250MF

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   | 64    | 140   | 170.5 | 155.5 | 226 | 109   | 220  | 253.5 | 52.5 | 105 | 140  | 81   | 66   | 111 <sup>(1)</sup> | 62.5 |
| CVS400/630     | 127.5 | 255   | 142.5 | 200   | 287   | 277.5 | 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    | 55   | 75  | 13.5 | 33   | 17.5 | 34                 | y32  |
| CVS400/630     | 200   | 113.5 | 227   | 200   | 300   | 213.5 | 327 | 45    | 22.5 | 80    | -    | -   | -    | -    | -    | 32                 | y35  |

C3-126mm for Easy-Rect CVS2500.F