Product datasheet

Specifications





circuit breaker EasyPact CVS630F, 36 kA at 415 VAC, 500 A rating thermal magnetic TM-D trip unit, 4P 3d

LV563308

Main

| Range | EasyPact |
|--|--|
| Range of product | EasyPact CVS400630 |
| Product name | EasyPact CVS |
| Device short name | CVS630F |
| 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 | 500 A at 40 °C |
| Network type | AC |
| Utilisation category | Category A |
| [Icu] Breaking capacity | 40 kA lcu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA lcu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Trip unit rating | 500 A at 40 °C |
| Protection type | Short-circuit protection (magnetic) Overload protection (thermal) |

Complementary

| [Uimp] rated impulse withstand voltage | 8 kV conforming to EN/IEC 60947-2 |
|--|--|
| Network frequency | 50/60 Hz |
| Breaking capacity code | F |
| [Ics] rated service breaking capacity | 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 23 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Neutral position | Left |
| Mechanical durability | 15000 cycles |
| Electrical durability | 4000 cycles 415 V In conforming to IEC 60947-2 |
| Control type | Toggle |
| Thermal protection adjustment range | 350500 A |

| Neutral protection setting | No protection (3D) |
|---|--------------------|
| Long time pick-up adjustment type Ir | Adjustable |
| Long time pick-up adjustment range | 0.71 x ln |
| Long time delay adjustment type | Fixed |
| Instantaneous pick-up adjustment type li | Adjustable |
| Instantaneous pick-up adjustment range | 510 x ln |
| Contact position indicator | Yes |
| Mounting support | Backplate |
| Mounting mode | Fixed |
| Upside connection | Front |
| Downside connection | Front |
| Connections - terminals | Screw connection |
| Connection pitch | 45 mm |
| Compatibility code | CVS630 |
| Width | 185 mm |
| Depth | 110 mm |
| Height | 255 mm |
| Net weight | 7.1 kg |
| | |

Environment

| Standards | IEC 60947-2 EN 60947-2 | | | | | |
|---------------------------------------|-----------------------------|--|--|--|--|--|
| Product certifications | IEC GOST | | | | | |
| Electrical shock protection class | Class II | | | | | |
| Pollution degree | 3 conforming to IEC 60664-1 | | | | | |
| IP degree of protection | IP40 | | | | | |
| Ambient air temperature for operation | -2570 °C | | | | | |
| Ambient air temperature for storage | -5085 °C | | | | | |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|----------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 24.4 cm |
| Package 1 Width | 21.0 cm |
| Package 1 Length | 30.0 cm |
| Package 1 Weight | 8.039 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 2 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |

| Package | 2 | Length |
|---------|---|--------|
|---------|---|--------|

40 cm

Package 2 Weight

16.078 kg

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

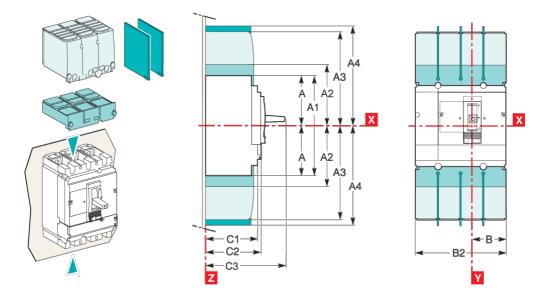
Rohs Exemption Information

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 | End of Life Information |

Product datasheet

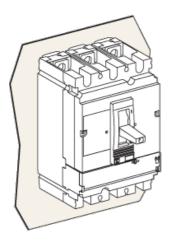
Dimensions Drawings

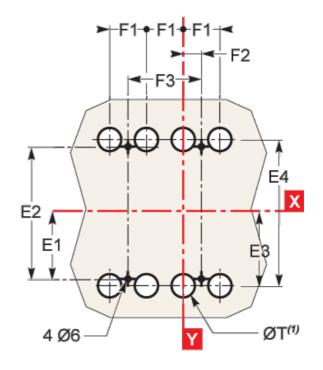


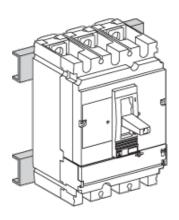
| Туре | Α | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | в | B1 | B2 | C1 | C2 | C3 | E1 |
|----------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|--------|------|
| CVS100/160/250 | 80.5 | 161 | 94 | 145 | 178.5 | 155.5 | 236 | 169 | 220 | 253.5 | 52.5 | 105 | 140 | 81 | 86 | 111(2) | 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 |
| Туре | 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 |

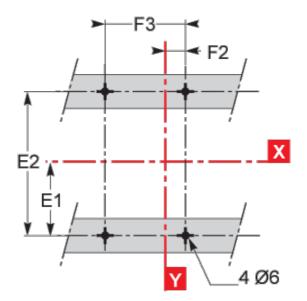
(2) C3=126mm for EasyPact CVS250B/F.

Assembly









| Туре | А | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | в | 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(2) | 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 |
| Туре | 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 |
| (0) 00-400- | Con Do | 4.01/00 | | | | | | | | | | | | | | | |

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

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Product datasheet

Performance Curves

