Product datasheet

Specification





circuit breaker EasyPact CVS100B, 25 kA at 415 VAC, 32 A rating thermal magnetic TM-D trip unit, 3P 3d

LV510302

Main

| ******** | |
|--|--|
| Range | EasyPact |
| Product Name | EasyPact CVS |
| Device Short Name | CVS100B |
| Product Or Component Type | Circuit breaker |
| Device Application | Distribution |
| Poles Description | 3P |
| Protected Poles Description | 3D |
| Earth Leakage Protection (Vigi Add On) | Without |
| [In] Rated Current | 32 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 25 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 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 | 32 A at 40 °C |
| Protection Type | Overload protection (thermal) Short-circuit protection (magnetic) |

Complementary

| [Uimp] Rated Impulse Withstand Voltage | 8 kV conforming to EN/IEC 60947-2 |
|--|--|
| Network Frequency | 50/60 Hz |
| Breaking Capacity Code | В |
| [Ics] Rated Service Breaking Capacity | 15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical Durability | 30000 cycles |
| Electrical Durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Control Type | Toggle |
| Thermal Protection Adjustment Range | 22.432 A |
| 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 Ii | Fixed |
| Instantaneous Pick-Up Adjustment Range | 400 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 | 105 mm |
| Depth | 86 mm |
| Height | 161 mm |
| Net Weight | 1.5 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 | 11.500 cm |
| Package 1 Width | 14.000 cm |
| Package 1 Length | 19.000 cm |
| Package 1 Weight | 1.702 kg |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 8 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 14.036 kg |
| Unit Type Of Package 3 | P12 |
| Number Of Units In Package 3 | 64 |

| Package 3 Height | 45.000 cm | |
|------------------|------------|--|
| Package 3 Width | 80.000 cm | |
| Package 3 Length | 120.000 cm | |
| Package 3 Weight | 124,288 ka | |

Contractual warranty

Warranty 18 months

Sustainability Green 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.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

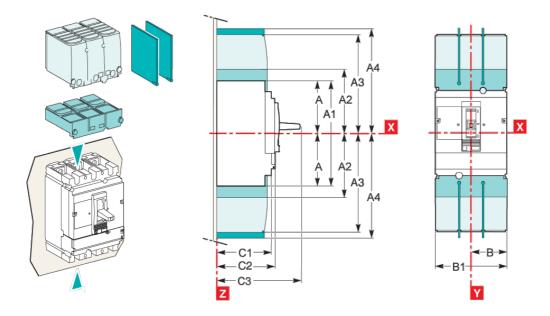
Certifications & Standards

| 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 |

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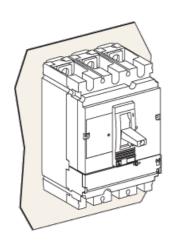
Dimensions Drawings

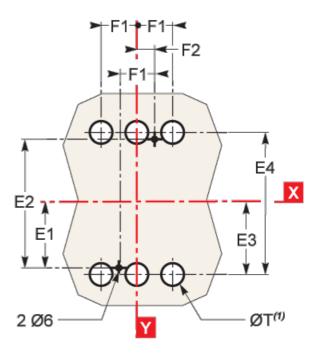


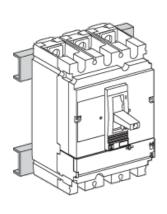
| Туре | Α | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | В | B1 | B2 | C1 | C2 | C3 | E1 |
|---------------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-----|------|------|------|------|------|
| CV8106160/250 | 66.5 | 161 | 64 | 146 | 179.5 | 155.5 | 236 | 169 | 226 | 250.5 | 52.5 | 105 | 946 | 81 | 96 | 1114 | 62.5 |
| C245/40009380 | 127.5 | 255 | 142,5 | 200 | 297 | 227.5 | 3.55 | 242.5 | 3.00 | 337 | 700 | 140 | 188 | 95.5 | 110 | 168 | 100 |
| Type | E2 | E3 | E4 | E5 | E6 | E7 | E8 | F1 | F2 | F3 | G1 | G2 | G3 | G4 | G5 | ØT | U |
| CN9100460/250 | 125 | FE | 140 | 137.5 | 200 | 145 | 215 | 216 | 17.5 | 70 | 86 | 78 | 13.5 | 25 | 17.5 | 24 | y 32 |
| CV5400430 | 200 | 113.5 | 222 | 200 | 200 | 2135 | 327 | 45 | 22.5 | 90 | - | | | - | - | 32 | y 35 |

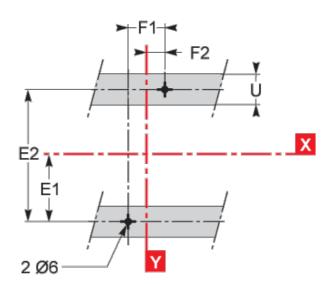
[2] CJ-126mm for EasyPast CVS2509JF.

Assembly









| Туре | Α | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | В | B1 | B2 | C1 | C2 | C3 | E1 |
|----------------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-----|------|------|------|-----|------|
| CV8100160/250 | 66.5 | 161 | 64 | 146 | 179.5 | 155.5 | 226 | 169 | 226 | 250.5 | 52.5 | 105 | 140 | 81 | 66 | 111 | 62.5 |
| C245/4000930 | 127,5 | 200 | 142,5 | 200 | 297 | 227.5 | 3.55 | 242.5 | 3.00 | 337 | 70 | 140 | 188 | 95.5 | 110 | 168 | 100 |
| Type | E2 | E3 | E4 | E5 | E6 | E7 | E8 | F1 | F2 | F3 | G1 | G2 | G3 | G4 | G5 | ØT | U |
| CW9100/190/250 | 125 | FE | 140 | 137.5 | 200 | 145 | 215 | 216 | 17.5 | 70 | 55 | 78 | 13.5 | 25 | 17.5 | 24 | y 32 |
| CV5400/830 | 200 | 113.5 | 223 | 200 | 200 | 2135 | 327 | 45 | 22.5 | 90 | - | 00 | - | - | - | 32 | y 35 |

(2) C3=126mm for EasyPast CVS2500/F.

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Performance Curves

