

Product data sheet

Specifications



circuit breaker EasyPact CVS160B,
25kA at 415VAC, 125A rating
thermal magnetic TM-D trip unit, 4P
4d

LV516322

Main

| | |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range | EasyPact |
| Range Of Product | EasyPact CVS100...250 |
| Product Name | EasyPact CVS |
| Device Short Name | CVS160B |
| Product Or Component Type | Circuit breaker |
| Device Application | Distribution |
| Poles Description | 4P |
| Protected Poles Description | 4D |
| Earth Leakage Protection (Vigi Add On) | Without |
| [In] Rated Current | 125 A at 40 °C |
| Network Type | AC |
| Utilisation Category | Category A |
| [Icu] Breaking Capacity | 40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu 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 | 125 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 | B |
| [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 |
| Neutral Position | Left |
| Mechanical Durability | 25000 cycles |
| Electrical Durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Control Type | Toggle |
| Thermal Protection Adjustment Range | 87.5...125 A |

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

| | |
|------------------------------------------|------------------|
| Neutral Protection Setting | 1 x Ir (4D) |
| 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 |
| Instantaneous Pick-Up Adjustment Type Ii | Fixed |
| Instantaneous Pick-Up Adjustment Range | 1250 A |
| Contact Position Indicator | Yes |
| Mounting Support | Backplate |
| Mounting Mode | Fixed |
| Upside Connection | Front |
| Downside Connection | Front |
| Connections - Terminals | Screw connection |
| Connection Pitch | 35 mm |
| Compatibility Code | CVS160 |
| Width | 140 mm |
| Depth | 86 mm |
| Height | 161 mm |
| Net Weight | 1.9 kg |

Environment

| | |
|---------------------------------------|-----------------------------|
| Standards | EN 60947-2 IEC 60947-2 |
| Product Certifications | GOST IEC |
| Electrical Shock Protection Class | Class II |
| Pollution Degree | 3 conforming to IEC 60664-1 |
| Ip Degree Of Protection | IP40 |
| 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 | 14.000 cm |
| Package 1 Width | 15.000 cm |
| Package 1 Length | 19.500 cm |
| Package 1 Weight | 2.257 kg |
| Unit Type Of Package 2 | S04 |
| Number Of Units In Package 2 | 9 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 40.000 cm |

| | |
|------------------|-----------|
| Package 2 Length | 60.000 cm |
| Package 2 Weight | 21.196 kg |

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-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 | End of Life Information |

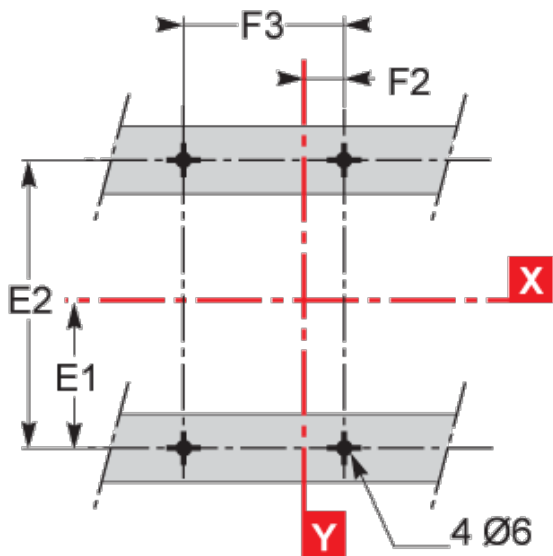
Dimensions Drawings



| Type | A | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | B | B1 | B2 | C1 | C2 | C3 | E1 |
|---------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|------------------|------|
| CVS100M63/250 | 80.5 | 101 | 64 | 145 | 170.5 | 155.5 | 236 | 109 | 220 | 353.5 | 52.5 | 105 | 140 | 81 | 86 | 111 ^Ø | 62.5 |
| CVS400/630 | 127.5 | 255 | 142.5 | 300 | 287 | 227.5 | 355 | 342.5 | 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 |
| CVS100M63/250 | 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 | 90 | - | - | - | - | - | 32 | y35 |

Ø 120mm for EasyPost CVS250LF.

Assembly



| Type | A | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | B | B1 | B2 | C1 | C2 | C3 | E1 |
|----------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|------------------|------|
| CVS100/160/250 | 60.5 | 101 | 84 | 140 | 170.5 | 165.5 | 236 | 109 | 220 | 353.5 | 52.5 | 105 | 140 | 81 | 66 | 111 ^② | 62.5 |
| CVS400/630 | 127.5 | 255 | 142.5 | 200 | 287 | 227.5 | 355 | 242.5 | 300 | 357 | 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 |

② C3-126mm for EasyPact CVS2500F.

Performance Curves

