Product datasheet

Specification





circuit breaker EasyPact CVS160N, 50 kA at 415 VAC, 160 A rating thermal magnetic TM-D trip unit, 4P 3d

LV516656

Main

| Range | EasyPact |
|---|--|
| Product Name | EasyPact CVS |
| Device Short Name | CVS160N |
| 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 | 160 A at 50 °C |
| Network Type | AC |
| Utilisation Category | Category A |
| [Icu] Breaking Capacity | 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 80 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip Unit Name | TM-D |
| Trip Unit Technology | Thermal-magnetic |
| Trip Unit Rating | 160 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 | N |
| [Ics] Rated Service Breaking Capacity | 30 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 80 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 | 0160 A |
| Neutral Protection Setting | No protection (3D) |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

| Long Time Pick-Up Adjustment Type Ir | Adjustable |
|---|------------------|
| Long Time Pick-Up Adjustment Range | 0.71 x ln |
| Long Time Delay Adjustment Type | Fixed |
| Short-Time Delay Adjustment Type | Fixed |
| Instantaneous Pick-Up Adjustment Type Ii | Fixed |
| Instantaneous Pick-Up Adjustment Range | 1250 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 | 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 | IEC GOST |
| Electrical Shock Protection Class | Class II |
| 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 | 16.1 cm |
| Package 1 Width | 14.0 cm |
| Package 1 Length | 8.6 cm |
| Package 1 Weight | 2.5 kg |



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 |
| Circularity Profile | End of Life Information |