



Main

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| Range of product | EasyPact CVS100...250 |
| Product or component type | Circuit breaker |
| Device short name | CVS160N |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3D |
| Earth leakage protection (Vigi add on) | Without |
| [In] rated current | 160 A at 40 °C |
| Breaking capacity code | N |
| Network type | AC |
| [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 |
| Utilisation category | Category A |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Trip unit rating | 160 A at 40 °C |
| Protection type | Short-circuit protection (magnetic) Overload protection (thermal) |

Complementary

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| Network frequency | 50/60 Hz |
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Connections - terminals | Screw connection |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to EN/IEC 60947-2 |
| Thermal protection adjustment range | 0...160 A |
| [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 |
| Mechanical durability | 25000 cycles |
| Electrical durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Connection pitch | 35 mm |
| Contact position indicator | Yes |
| 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 |
| Short-time delay adjustment type | Fixed |
| Instantaneous pick-up adjustment type li | Fixed |
| Instantaneous pick-up adjustment range | 1250 A |

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| Height | 161 mm |
| Width | 105 mm |
| Depth | 86 mm |

Environment

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|---------------------------------------|---------------------------|
| Electrical shock protection class | Class II |
| Standards | IEC 60947-2 EN 60947-2 |
| Product certifications | GOST IEC |
| IP degree of protection | IP40 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 1.8 kg |
| Package 1 Height | 15 cm |
| Package 1 width | 11 cm |
| Package 1 Length | 18 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 10 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Unit Type of Package 3 | CAR |
| Number of Units in Package 3 | 9 |
| Package 3 Weight | 16200 g |
| Package 3 Height | 230 mm |
| Package 3 width | 380 mm |
| Package 3 Length | 490 mm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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