



### Main

|                             |  |
|-----------------------------|--|
| Range of product            | Easypact CVS400...630  |
| Product or component type   | Circuit breaker  |
| Device short name           | CVS630N  |
| Device application          | Distribution   |
| Poles description           | 3P   |
| Protected poles description | 3d   |
| Earth-leakage protection    | Without  |
| [In] rated current          | 630 A ( 40 °C )  |
| Breaking capacity code      | N  |
| Network type                | AC   |
| Breaking capacity           | 70 kA Icu conforming to IEC 60947-2 at 220/240 V AC 50/60 Hz<br>42 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz<br>50 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz |
| Utilisation category        | Category A   |
| Local signalling            | LED 105 % Ir<br>LED 90 % Ir<br>LED ready   |
| Trip unit name              | TM-D   |
| Trip unit technology        | Thermal-magnetic   |
| Trip unit rating            | 600 A ( 40 °C )  |
| Protection type             | Overload protection (thermal)<br>Short-circuit protection (magnetic)   |

### Complementary

|  |   |
|--|---|
| 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...600 A   |
| [Ics] rated service breaking capacity    | 70 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz<br>50 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz<br>32 kA conforming to IEC 60947-2 440 V AC 50/60 Hz |
| Mechanical durability                    | 15000 cycles  |
| Electrical durability                    | 4000 cycles conforming to IEC 60947-2 415 V In  |
| Connection pitch                         | 45 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 | Adjustable  |

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|  |                        |
|--|------------------------|
| Instantaneous pick-up adjustment range | 4...8 x I <sub>n</sub> |
| Height                                 | 255 mm                 |
| Width                                  | 140 mm                 |
| Depth                                  | 110 mm                 |

## Environment

|                                       |                           |
|---------------------------------------|---------------------------|
| electrical shock protection class     | Class II                  |
| standards                             | EN 60947-2<br>IEC 60947-2 |
| product certifications                | GOST<br>IEC               |
| IP degree of protection               | IP40                      |
| ambient air temperature for operation | -25...70 °C               |
| ambient air temperature for storage   | -50...85 °C               |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1041 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |