



### Glavno

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|----------------------------------|--|
| Range of product                 | Easypact CVS400...630  |
| Product or component type        | Earth leakage circuit breaker  |
| Device short name                | Vigi CVS630N   |
| Device application               | Distribution   |
| Poles description                | 4P   |
| Protected poles description      | 3d   |
| Neutral position                 | Left   |
| Earth-leakage protection         | With   |
| [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                 | 500 A ( 40 °C )  |
| Protection type                  | Overload protection (thermal)<br>Short-circuit protection (magnetic)   |
| Earth-leakage add-on module name | MB   |

### Komplementarno

|  |   |
|--|---|
| 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...500 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   |
| Neutral protection setting             | No protection 3d  |
| Long time pick-up adjustment type Ir   | Adjustable  |
| Long time pick-up adjustment range     | 0.7...1 x In  |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i poplunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|  |  |
|--|--|
| Long time delay adjustment type                            | Fixed  |
| Short-time delay adjustment type                           | Fixed  |
| Instantaneous pick-up adjustment type li                   | Adjustable   |
| Instantaneous pick-up adjustment range                     | 5...10 x In  |
| Earth-leakage protection class                             | Class A  |
| Residual earth-leakage sensitivity adjustment type         | Adjustable 5 settings  |
| [I $\Delta$ n] residual earth-leakage sensitive adjustment | 0.3 A<br>1 A<br>10 A<br>3 A<br>30 A                                      |
| Residual earth-leakage time delay adjustment type          | Adjustable 4 settings  |
| [ $\Delta$ t] residual earth-leakage time delay adjustment | 0 ms <= 40 ms<br>150 ms <= 300 ms<br>310 ms <= 800 ms<br>60 ms <= 140 ms |
| Height   | 355 mm   |
| Width  | 185 mm   |
| Depth  | 110 mm   |

## Okolina

|                                       |                           |
|---------------------------------------|---------------------------|
| 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

|   |   |
|---|---|
| Green Premium product   | Green Premium product   |
| Compliant - since 1116 - Schneider Electric declaration of conformity | Compliant - since 1116 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |
| Available   | Available   |
| Available   | Available   |