



## Main

|                                        |                                                                                                                                                                                          |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                       | Easypact CVS400...630                                                                                                                                                                    |
| Product or component type              | Circuit breaker                                                                                                                                                                          |
| Device short name                      | CVS630F                                                                                                                                                                                  |
| Device application                     | Distribution                                                                                                                                                                             |
| Poles description                      | 3P                                                                                                                                                                                       |
| Protected poles description            | 3d                                                                                                                                                                                       |
| Earth leakage protection (Vigi add on) | Without                                                                                                                                                                                  |
| [In] rated current                     | 630 A ( 40 °C )                                                                                                                                                                          |
| Breaking capacity code                 | F                                                                                                                                                                                        |
| Network type                           | AC                                                                                                                                                                                       |
| [Icu] Breaking capacity                | 36 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz<br>30 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz<br>40 kA Icu conforming to IEC 60947-2 at 220/240 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)                                                                                                                     |

## 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...500 A                                                                                                                                                           |
| [Ics] rated service breaking capacity    | 40 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz<br>36 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz<br>23 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                                                                                                                                                          |
| Instantaneous pick-up adjustment range   | 5...10 x In                                                                                                                                                         |
| 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<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>                                                                                    |
| Product end of life instructions | Available<br><a href="#">End of life manual</a>                                                                                       |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|