



### Main

|                           |                           |
|---------------------------|---------------------------|
| Range of product          | C60                       |
| Product or component type | Circuit breaker           |
| Device short name         | C60PV-DC                  |
| Poles description         | 2P                        |
| Network type              | DC                        |
| Curve code                | C                         |
| Utilisation category      | Category A EN/IEC 60947-2 |
| Suitability for isolation | Yes EN/IEC 60947-2        |

### Complementary

|                                        |                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| [In] rated current                     | 20 A                                                                                                                                        |
| Voltage Drop                           | 588 mV 29.4 mOhm 11.8 W 20 A                                                                                                                |
| [Ue] rated operational voltage         | 800 V DC                                                                                                                                    |
| Magnetic tripping limit                | 8.5 x In                                                                                                                                    |
| Breaking capacity                      | 1.5 kA Icu 800 V DC<br>3 kA Icu 650 V DC                                                                                                    |
| [Ics] rated service breaking capacity  | 3 kA 100 % 650 V DC<br>1.5 kA 100 % 800 V DC                                                                                                |
| [Ui] rated insulation voltage          | 1000 V DC                                                                                                                                   |
| [Uimp] rated impulse withstand voltage | 6 kV                                                                                                                                        |
| Contact position indicator             | Yes                                                                                                                                         |
| Control type                           | Toggle                                                                                                                                      |
| Mounting mode                          | Fixed                                                                                                                                       |
| Mounting support                       | 35 mm symmetrical DIN rail                                                                                                                  |
| 9 mm pitches                           | 8                                                                                                                                           |
| Height                                 | 132.7 mm                                                                                                                                    |
| Width                                  | 72 mm                                                                                                                                       |
| Depth                                  | 77.4 mm                                                                                                                                     |
| Product weight                         | 0.545 kg                                                                                                                                    |
| Colour                                 | White                                                                                                                                       |
| Mechanical durability                  | 20000 cycles                                                                                                                                |
| Electrical durability                  | 1500 cycles L/R = 2 ms                                                                                                                      |
| Locking options description            | Padlocking in OFF position                                                                                                                  |
| Connections - terminals                | Pre-wired cable upside<br>Tunnel terminal downside 1...16 mm <sup>2</sup> flexible<br>Tunnel terminal downside 1...25 mm <sup>2</sup> rigid |
| Wire stripping length                  | 14 mm                                                                                                                                       |
| Tightening torque                      | 2.5 N.m                                                                                                                                     |
| Compatibility code                     | C60PV-DC                                                                                                                                    |

### Environment

|                                       |                |
|---------------------------------------|----------------|
| Standards                             | EN/IEC 60947-2 |
| Pollution degree                      | 2              |
| Relative humidity                     | 95 % 55 °C     |
| Ambient air temperature for operation | -25...70 °C    |
| Ambient air temperature for storage   | -40...85 °C    |

Offer Sustainability

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status | Not Green Premium product                                                             |
| RoHS                     | Compliant - since 1310 - <a href="#">Schneider Electric declaration of conformity</a> |