



Representative Image

## Catalog No. 1SVR740794R3300

**Description:** CM-PVS.41P Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x300-500VAC

**UPC No** 4016779852029

**Home > Controls & Protective Relays > Measuring & Monitoring Relays**

### Descriptors

|          |                               |
|----------|-------------------------------|
| Category | Measuring & Monitoring Relays |
|----------|-------------------------------|

### Specifications

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| Product Line Type                | Three-Phase Monitoring Relays                                                             |
| Function                         | Phase failure detection<br>Phase sequence monitoring<br>Over- and undervoltage monitoring |
| Output                           | 2 c/o (SPDT) contacts                                                                     |
| Rated Control Supply Voltage     | (L-L) 300 ... 500 V AC                                                                    |
| Measuring Range                  | (L-L) 300 ... 500 V AC                                                                    |
| Terminal Type                    | Screwless Terminals                                                                       |
| Product Main Type                | CM-PVS                                                                                    |
| Time Range                       | 200 ms start-up delay<br>0 s or 0.1 ... 30 s tripping delay (ON or OFF)                   |
| Ambient Air Temperature          | Operation -25 ... +60 °C<br>Storage -40 ... +85 °C                                        |
| RoHS Status                      | Following EU Directive 2011/65/EU                                                         |
| Maximum Operating Voltage UL/CSA | Output Circuit 300 V AC                                                                   |
| Contact Rating UL/CSA            | B300                                                                                      |
| Connecting Capacity UL/CSA       | Flexible 2x 18-16AWG<br>Rigid 2x 20-16 AWG                                                |
| Object Classification Code       | B                                                                                         |

### Classifications

|          |                                   |
|----------|-----------------------------------|
| ETIM 4   | EC001441 - Phase monitoring relay |
| ETIM 5.0 | EC001441 - Phase monitoring relay |
| ETIM 6.0 | EC001441 - Phase monitoring relay |
| ETIM 7   | EC001441 - Phase monitoring relay |
| eClass   | 7.0 27371803                      |

### Dimensions

|                    |         |
|--------------------|---------|
| Product Net Width  | 22.5 mm |
| Product Net Height | 85.6 mm |

**by ABB**

|                   |  |
|-------------------|--|
| <b>Dimensions</b> |  |
|-------------------|--|

|                            |          |
|----------------------------|----------|
| Product Net Depth / Length | 103.7 mm |
| Product Net Weight         | 0.131 kg |

|                            |  |
|----------------------------|--|
| <b>Package Information</b> |  |
|----------------------------|--|

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 97 mm         |
| Package Level 1 Height         | 109 mm        |
| Package Level 1 Depth / Length | 30 mm         |
| Package Level 1 Gross Weight   | 0.156 kg      |
| Package Level 1 EAN            | 4016779852029 |

|                 |  |
|-----------------|--|
| <b>Ordering</b> |  |
|-----------------|--|

|                        |                    |
|------------------------|--------------------|
| Minimum Order Quantity | 1                  |
| Customs Tariff Number  | 85364900           |
| ECCN                   | N                  |
| ECN                    | N                  |
| ABB Business Unit      | ELSP - Smart Power |
| ABB Product Group      | 3099>>ELSP         |