

## PRODUCT-DETAILS

# CM-PFE.2

## CM-PFE.2 Phase sequence monitoring relay 1c/o, L1-L2-L3=200-500VAC



### General Information

|                       |                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CM-PFE.2                                                                                                                                         |
| Product ID            | 1SVR550826R9100                                                                                                                                  |
| EAN                   | 4013614501814                                                                                                                                    |
| Catalog Description   | CM-PFE.2 Phase sequence monitoring relay 1c/o, L1-L2-L3=200-500VAC                                                                               |
| Long Description      | Phase sequence relay CM-PFE.2, width 22.5mm, measuring range L1-L2-L3=200-500VAC, powered by measuring circuit, 1 c/o (closed circuit principle) |

### Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85364900 |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC112231D0201 |
| Instructions and Manuals          | 1SVC550510M0001 |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 22.5 mm |
| Product Net Depth / Length | 78.5 mm |

|                    |          |
|--------------------|----------|
| Product Net Height | 78 mm    |
| Product Net Weight | 0.067 kg |

## Technical

|                                                   |                                                                                                                  |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Function                                          | Phase failure detection<br>Phase sequence monitoring                                                             |
| Standards                                         | CAN/CSA C22.2 No.14<br>EN 50178<br>EN 50581<br>IEC/EN 60255-27<br>IEC/EN 61000-6-2<br>IEC/EN 61000-6-3<br>UL 508 |
| Measuring Range                                   | (L-L) 200 ... 500 V AC                                                                                           |
| Rated Control Supply Voltage (U <sub>s</sub> )    | (L-L) 200 ... 500 V AC                                                                                           |
| Rated Frequency (f)                               | Supply Circuit 50/60 Hz                                                                                          |
| Output                                            | 1 c/o (SPDT) contact                                                                                             |
| Time Range                                        | 500 ms start-up delay<br>500 ms tripping delay                                                                   |
| Terminal Type                                     | Screw Terminals                                                                                                  |
| Rated Operational Current AC-12 (I <sub>e</sub> ) | (230 V) 4 A                                                                                                      |
| Rated Operational Current AC-15 (I <sub>e</sub> ) | (230 V) 3 A                                                                                                      |
| Rated Operational Current DC-12 (I <sub>e</sub> ) | (24 V) 4 A                                                                                                       |
| Rated Operational Current DC-13 (I <sub>e</sub> ) | (24 V) 2 A                                                                                                       |
| Degree of Protection                              | Housing IP50<br>Terminals IP20                                                                                   |
| Overvoltage Category                              | III                                                                                                              |
| Short-Circuit Protective Devices                  | Output Circuit NC - F Type Fuses 6 A<br>Output Circuit NO - F Type Fuses 10 A                                    |
| Mounting Position                                 | Any                                                                                                              |
| Mounting on DIN Rail                              | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715   |

## Environmental

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Ambient Air Temperature | Operation -20 ... +60 °C<br>Storage -40 ... +85 °C |
| RoHS Status             | Following EU Directive 2011/65/EU                  |

## Technical UL/CSA

|                                  |                         |
|----------------------------------|-------------------------|
| Maximum Operating Voltage UL/CSA | Output Circuit 250 V AC |
| Contact Rating UL/CSA            | B300                    |

## Certificates and Declarations (Document Number)

|                                 |                      |
|---------------------------------|----------------------|
| CCC Certificate                 | CCC_2013010303605960 |
| CQC Certificate                 | CQC2013010303605960  |
| cUL Certificate                 | cUL508_E140448       |
| Declaration of Conformity - CCC | 2020980303000202     |
| Declaration of Conformity - CE  | 1SVD981026           |

|                          |                          |
|--------------------------|--------------------------|
| EAC Certificate          | EAC_RU_C-DE.ME77.B.03206 |
| Instructions and Manuals | 1SVC550510M0001          |
| RMRS Certificate         | RMRS_1740020250          |
| RoHS Information         | 1SVD981026               |
| UL Certificate           | UL508_E140448            |

**Container Information**

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 24 mm         |
| Package Level 1 Height         | 83 mm         |
| Package Level 1 Depth / Length | 25 mm         |
| Package Level 1 Gross Weight   | 0.078 kg      |
| Package Level 1 EAN            | 4013614501814 |

**Classifications**

|                            |                                   |
|----------------------------|-----------------------------------|
| Object Classification Code | B                                 |
| ETIM 5                     | EC001441 - Phase monitoring relay |
| ETIM 6                     | EC001441 - Phase monitoring relay |
| ETIM 7                     | EC001441 - Phase monitoring relay |
| eClass                     | V11.0 : 27371803                  |
| UNSPSC                     | 39121536                          |

**Categories**

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Three Phase Monitors

