



PRODUCT-DETAILS

CM-IVN.P

CM-IVN.P Coupling unit voltage range expansion for CM-IWN.1



| General Information   |                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CM-IVN.P                                                                                                                                                                                            |
| Product ID            | 1SVR760669R9400                                                                                                                                                                                     |
| EAN                   | 4016779852678                                                                                                                                                                                       |
| Catalog Description   | CM-IVN.P Coupling unit voltage range expansion for CM-IWN.1                                                                                                                                         |
| Long Description      | The CM-IVN.P serves to extend the measuring range of the insulation monitoring relay CM-IWN.x for monitoring the insulation resistance up to 690 V AC and 1000 V DC in accordance with IEC 61557-8. |

| Ordering               |               |
|------------------------|---------------|
| EAN                    | 4016779852678 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85043121      |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC112200D0201 |

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SVC750010M0001 |
| CAD Dimensional Drawing  | 2CDC001079B0201 |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 45 mm    |
| Product Net Height         | 85.6 mm  |
| Product Net Depth / Length | 104.8 mm |
| Product Net Weight         | 0.165 kg |

Technical

|                                                     |                                                                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function                                            | Accessory - Coupling unit for voltage expansion of CM-IWN.1<br>Up to 690 V AC<br>Up to 1000 V DC                                                                                                          |
| Rated Frequency (f)                                 | Measuring Circuit 15 ... 400 Hz                                                                                                                                                                           |
| Terminal Type                                       | Screwless Terminals                                                                                                                                                                                       |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | Input Circuit / PE 8 kV                                                                                                                                                                                   |
| Rated Insulation Voltage (U <sub>i</sub> )          | Input Circuit / PE 1000 V                                                                                                                                                                                 |
| Degree of Protection                                | Housing IP50<br>Terminals IP20                                                                                                                                                                            |
| Overvoltage Category                                | III                                                                                                                                                                                                       |
| Pollution Degree                                    | 3                                                                                                                                                                                                         |
| Connecting Capacity                                 | Flexible with Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup><br>Flexible 2x 0.5 ... 1.5 mm <sup>2</sup><br>Rigid 2x 0.5 ... 1.5 mm <sup>2</sup> |
| Wire Stripping Length                               | 8 mm                                                                                                                                                                                                      |
| Recommended Screw Driver                            | 0.8 x 4                                                                                                                                                                                                   |
| Mounting Position                                   | 1 ... 6                                                                                                                                                                                                   |
| 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                                                                                            |
| Standards                                           | CAN/CSA C22.2 No.14<br>IEC/EN 63000<br>IEC/EN 61326-2-4<br>IEC/EN 61557-1<br>IEC/EN 61557-8<br>UL 508                                                                                                     |

Technical UL/CSA

|                            |                                             |
|----------------------------|---------------------------------------------|
| Connecting Capacity UL/CSA | Flexible 2x 18-16 AWG<br>Rigid 2x 20-16 AWG |
|----------------------------|---------------------------------------------|

Environmental

|                                        |                                                    |
|----------------------------------------|----------------------------------------------------|
| Ambient Air Temperature                | Operation -25 ... +60 °C<br>Storage -40 ... +85 °C |
| Maximum Operating Altitude Permissible | Without Derating 2000 m                            |

| Material Compliance                         |                                   |
|---------------------------------------------|-----------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                   |
| REACH Declaration                           | 1SVD981001-4501                   |
| RoHS Information                            | 1SVD981001-4401                   |
| RoHS Status                                 | Following EU Directive 2011/65/EU |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006536                   |

| Circular Value           |                 |
|--------------------------|-----------------|
| End of Life Instructions | 1SAC200290H0001 |

| Certificates and Declarations    |                           |
|----------------------------------|---------------------------|
| CB Certificate                   | CB_DK-30302-A1-UL         |
| CCC Certificate                  | CCC_2010010303438770      |
| CQC Certificate                  | CQC2010010303438770       |
| cULus Certificate                | cULus508_20120727-E140448 |
| Declaration of Conformity - CCC  | 2020980303000184          |
| Declaration of Conformity - CE   | 1SVD981011-00             |
| Declaration of Conformity - UKCA | 1SVD981011-10             |
| DNV GL Certificate               | DNV_GL_TAA000017C         |

| Container Information          |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 97 mm         |
| Package Level 1 Depth / Length | 52.5 mm       |
| Package Level 1 Height         | 109 mm        |
| Package Level 1 Gross Weight   | 0.189 kg      |
| Package Level 1 EAN            | 4016779852678 |

| Classifications            |                                                        |
|----------------------------|--------------------------------------------------------|
| Object Classification Code | B                                                      |
| ETIM 7                     | EC001444 - Insulation and earth fault monitoring relay |
| ETIM 8                     | EC001444 - Insulation and earth fault monitoring relay |
| ETIM 9                     | EC001444 - Insulation and earth fault monitoring relay |
| eClass                     | V11.0 : 27371807                                       |
| UNSPSC                     | 39122331                                               |
| E-Number (Finland)         | 2712257                                                |
| E-Number (Sweden)          | 3860662                                                |

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## Categories

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Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Insulation Monitors

