

## PRODUCT-DETAILS

# CM-IWS.1S

## CM-IWS.1S Insulation monitoring relay 1c/o, 1-100kOhm, 24-240VAC/DC



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CM-IWS.1S                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 1SVR730660R0100                                                                                                                                                                                                                                                                                                                                  |
| EAN                   | 4016779852609                                                                                                                                                                                                                                                                                                                                    |
| Catalog Description   | CM-IWS.1S Insulation monitoring relay 1c/o, 1-100kOhm, 24-240VAC/DC                                                                                                                                                                                                                                                                              |
| Long Description      | The CM-IWS.1S serves to monitor insulation resistance in accordance with IEC 61557-8 in unearthed IT AC systems, IT AC systems with galvanically connected DC circuits, or unearthed IT DC systems with a voltage up to 250 V AC and 300 V DC. It can be configured to the requirements of the applications and therefore used multi-functional. |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4016779852609 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85364900      |

### Container Information

|                                |             |
|--------------------------------|-------------|
| Package Level 1 Units          | box 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          | 0.173 kg    |

## Weight

|                     |               |
|---------------------|---------------|
| Package Level 1 EAN | 4016779852609 |
|---------------------|---------------|

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 22.5 mm  |
| Product Net Depth / Length | 103.7 mm |
| Product Net Height         | 85.6 mm  |
| Product Net Weight         | 0.148 kg |

## Technical

|                                                |                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Function                                       | Unearthed AC systems<br>Unearthed DC systems<br>Unearthed mixed AC / DC systems<br>Up to 250 V AC<br>Up to 300 V DC |
| Measuring Range                                | 1 ... 100 kΩ                                                                                                        |
| Rated Control Supply Voltage (U <sub>s</sub> ) | 24 ... 240 V AC/DC                                                                                                  |
| Output                                         | 1 c/o (SPDT) contact                                                                                                |
| System Leakage Capacitance (C <sub>E</sub> )   | 10 μF                                                                                                               |
| Terminal Type                                  | Screw Terminals                                                                                                     |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Certificates and Declarations (Document Number)

|                                   |                           |
|-----------------------------------|---------------------------|
| CB Certificate                    | CB_DK-30302-A1-UL         |
| CCC Certificate                   | CCC_2010010303438770      |
| CQC Certificate                   | CQC2010010303438770       |
| cULus Certificate                 | cULus508_20120727-E140448 |
| Data Sheet, Technical Information | 2CDC112195D0201           |
| Declaration of Conformity - CCC   | 2020980303000184          |
| Declaration of Conformity - CE    | 1SVD981011-00             |
| Declaration of Conformity - UKCA  | 1SVD981011-10             |
| DNV GL Certificate                | DNV_GL_TAA000017C         |
| EAC Certificate                   | EAC_RU_C-DE.ME77.B.03424  |
| Instructions and Manuals          | 1SVC730550M0001           |
| RoHS Information                  | 1SVD981011-00             |

## Classifications

|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| Object Classification Code | B                                                      |
| ETIM 4                     | EC001444 - Insulation and earth fault monitoring relay |
| ETIM 5                     | EC001444 - Insulation and earth fault monitoring relay |
| ETIM 6                     | EC001444 - Insulation and earth fault monitoring relay |

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| ETIM 7             | EC001444 - Insulation and earth fault monitoring relay |
| eClass             | V11.0 : 27371807                                       |
| E-Number (Finland) | 2712260                                                |
| E-Number (Sweden)  | 3860655                                                |

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## Categories

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

