



PRODUCT-DETAILS

CM-IWM.10

CM-IWM.10 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-2MOhm, 24VDC



| General Information | |
|-----------------------|---|
| Extended Product Type | CM-IWM.10 |
| Product ID | 1SVR470670R1000 |
| EAN | 4013614515316 |
| Catalog Description | CM-IWM.10 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-2MOhm, 24VDC |
| Long Description | CM-IWM.10 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-2MOhm, 24VDC, System leakage capacitance up to 1000 µF, provides best and up to date insulation monitoring of modern IT systems in an optimum and state of the art way fulfilling the relevant standards. The device can be used in the most flexible way for AC, DC and AC/DC systems even with large leakage capacity to earth (PE). The adjustment of the setting values is simple and user friendly done on 2 rotary switches on the front of the device. Via LEDs the measured value, device parameters and device status are indicated easy to read. |

| Ordering | |
|------------------------|---------------|
| EAN | 4013614515316 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85364900 |

| Popular Downloads | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC112242D0201 |
| Instructions and Manuals | 1SVC470520M0001 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

| Dimensions | |
|----------------------------|--------|
| Product Net Width | 90 mm |
| Product Net Height | 90 mm |
| Product Net Depth / Length | 121 mm |
| Product Net Weight | 0.5 kg |

| Technical | |
|---|--|
| Function | Unearthed mixed AC / DC systems Up to 1000 V DC Up to 760 V AC Unearthed AC systems Unearthed DC systems |
| Measuring Range | 20 ... 2000 kΩ |
| Rated Control Supply Voltage (U _s) | 24 V DC |
| Rated Frequency (f) | Measuring Circuit 16 ... 1000 Hz Measuring Circuit DC Hz Supply Circuit DC |
| Output | 2 c/o (SPDT) contacts |
| Terminal Type | Screw Terminals |
| Rated Impulse Withstand Voltage (U _{imp}) | Measuring Circuit / Output Circuit 8 kV Supply Circuit / Measuring Circuit 8 kV Supply Circuit / Output Circuit 8 kV |
| Degree of Protection | Housing IP20 |
| Pollution Degree | 2 |
| System Leakage Capacitance (C _E) | 1000 μF |
| Connecting Capacity | Flexible with Insulated Ferrule 1x 2.5 mm ² Flexible with Insulated Ferrule 2x 1.5 mm ² Rigid 1x 4 mm ² |
| Tightening Torque | 0.8 N·m |
| Wire Stripping Length | 8 mm |
| Standards | IEC/EN 63000 IEC/EN 61557-8 |

| Environmental | |
|--|--|
| Ambient Air Temperature | Operation -25 ... +60 °C Storage -40 ... +70 °C |
| Maximum Operating Altitude Permissible | Without Derating 4000 m |

| Material Compliance | |
|---------------------|-----------------|
| Conflict Minerals | 9AKK108467A5658 |

| | |
|---------------------------|-----------------------------------|
| Reporting Template (CMRT) | |
| REACH Declaration | 1SVD981001-4501 |
| RoHS Information | 1SVD981048-00 |
| RoHS Status | Following EU Directive 2011/65/EU |

Certificates and Declarations

| | |
|----------------------------------|-----------------------------|
| cUL Certificate | cULus60947_E140448-20211215 |
| Declaration of Conformity - CE | 1SVD981048-00 |
| Declaration of Conformity - UKCA | 1SVD981048-10 |

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 170 mm |
| Package Level 1 Depth / Length | 126 mm |
| Package Level 1 Height | 145 mm |
| Package Level 1 Gross Weight | 0.62 kg |
| Package Level 1 EAN | 4013614515316 |

Classifications

| | |
|--------------------|--|
| 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 |
| E-Number (Finland) | 2712548 |

Categories

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

