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**PRODUCT-DETAILS**

## CM-IWM.11

### CM-IWM.11 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-20MOhm, 24VDC



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#### General Information

Extended Product Type	CM-IWM.11
Product ID	1SVR470670R1100
EAN	4013614515323
Catalog Description	CM-IWM.11 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-20MOhm, 24VDC
Long Description	CM-IWM.11 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-20MOhm, 24VDC, System leakage capacitance up to 3000 $\mu$ F 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.

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#### Ordering

EAN	4013614515323
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

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#### Popular Downloads

Data Sheet, Technical Information	2CDC112243D0201
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Instructions and Manuals	1SVC470510M0000
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 1500 V DC Up to 1100 V AC Unearthed AC systems Unearthed DC systems
Measuring Range	20 ... 2000 kΩ
Rated Control Supply Voltage (U <sub>s</sub> )	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 <sub>imp</sub> )	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 <sub>E</sub> )	3000 µF
Connecting Capacity	Flexible with Insulated Ferrule 1x 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 1.5 mm <sup>2</sup> Rigid 1x 4 mm <sup>2</sup>
Tightening Torque	0.8 N·m
Wire Stripping Length	8 mm
Standards	IEC/EN 63000 IEC/EN 61557-8

## Environmental

Ambient Air Temperature	Storage -40 ... +70 °C
Maximum Operating Altitude Permissible	Without Derating 4000 m
REACH Declaration	1SVD981001-4501
RoHS Information	1SVD981048-00
RoHS Status	Following EU Directive 2011/65/EU

## Certificates and Declarations

cUL Certificate	cULus60947_E140448-20211215
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Declaration of Conformity - CE	1SVD981048-00
Declaration of Conformity - UKCA	1SVD981048-10
EAC Certificate	EAC_RU_C-DE.ME77.B.03204

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## Container Information

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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	4013614515323

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## Classifications

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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)	2712549

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## Categories

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

