

PRODUCT-DETAILS

# CM-IWM.10

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



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | CM-IWM.10   |
| Code de produit              | 1SVR470670R1000   |
| EAN                          | 4013614515316   |
| Description courte           | CM-IWM.10 Insulation monitoring relay 2c/o, 1-250kOhm,0.02-2MOhm, 24VDC   |
| Description longue           | 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. |

### Commande

|                  |               |
|------------------|---------------|
| EAN              | 4013614515316 |
| Quantité minimum | 1 pièce       |
| Code douanier    | 85364900      |

### Downloads Préférés

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques | 2CDC112242D0201 |
| Instructions et manuels                | 1SVC470520M0000 |

CAD Dimensional  
Drawing

2CDC001079B0201

---

## Dimensions

|                      |        |
|----------------------|--------|
| Produit Largeur Net  | 90 mm  |
| Produit Hauteur Net  | 90 mm  |
| Produit Longueur Net | 121 mm |
| Poids net            | 0.5 kg |

---

## Technique

|   |  |
|---|--|
| Fonction  | Unearthed mixed AC / DC systems<br>Up to 1000 V DC<br>Up to 760 V AC<br>Unearthed AC systems<br>Unearthed DC systems                           |
| Plage de mesure                                   | 20 ... 2000 kΩ   |
| Rated Control Supply Voltage ( $U_s$ )            | 24 V DC  |
| Fréquence assignée (f)                            | Measuring Circuit 16 ... 1000 Hz<br>Measuring Circuit DC Hz<br>Supply Circuit DC   |
| Sortie  | 2 c/o (SPDT) contacts  |
| Type de borne                                     | Screw Terminals  |
| Tension assignée de tenue aux chocs ( $U_{imp}$ ) | Measuring Circuit / Output Circuit 8 kV<br>Supply Circuit / Measuring Circuit 8 kV<br>Supply Circuit / Output Circuit 8 kV                     |
| Indice de protection                              | Housing IP20   |
| Degré de pollution                                | 2  |
| System Leakage Capacitance ( $C_E$ )              | 1000 μF  |
| Connecting Capacity                               | Flexible with Insulated Ferrule 1x 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 1.5 mm <sup>2</sup><br>Rigid 1x 4 mm <sup>2</sup> |
| Couple de serrage                                 | 0.8 N·m  |
| Wire Stripping Length                             | 8 mm   |
| Normes et standards                               | IEC/EN 63000<br>IEC/EN 61557-8   |

---

## Environnement

|   |  |
|---|--|
| Température de l'air ambiant                  | Operation -25 ... +60 °C<br>Storage -40 ... +70 °C |
| Altitude de fonctionnement maximale autorisée | Without Derating 4000 m                            |
| REACH Declaration                             | 1SVD981001-4501                                    |
| Informations RoHS                             | 1SVD981048-00                                      |
| Statut RoHS                                   | Following EU Directive 2011/65/EU                  |

---

## Certificats et Déclarations (Numéro de document)

|                                |                             |
|--------------------------------|-----------------------------|
| Certificat cUL                 | cULus60947_E140448-20211215 |
| Déclaration de Conformité - CE | 1SVD981048-00               |
| Declaration of Conformity      | 1SVD981048-10               |

- UKCA

EAC Certificate

EAC\_RU\_C-DE.ME77.B.03204

---

## Emballage

|                             |               |
|-----------------------------|---------------|
| Emballage Niveau 1 Unités   | box 1 pièce   |
| Emballage Niveau 1 Largeur  | 170 mm        |
| Emballage Niveau 1 Longueur | 126 mm        |
| Emballage Niveau 1 Hauteur  | 145 mm        |
| Emballage Niveau 1 Poids    | 0.62 kg       |
| Emballage Niveau 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  |

---

## Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Contrôle de l'isolement

