

PRODUCT-DETAILS

# CM-ENE MAX

## CM-ENE MAX Liquid level relay 1n/o, 24VAC



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | CM-ENE MAX  |
| Code de produit              | 1SVR550855R9400   |
| EAN                          | 4013614348099   |
| Description courte           | CM-ENE MAX Liquid level relay 1n/o, 24VAC   |
| Description longue           | The CM-ENE MAX belongs to the CM liquid level monitoring relay range. It operates with a rated control supply voltage of 24 V AC and has a 1 n/o output contact. It monitors liquid levels of conductive fluids and protects tanks against overflow. The output relay works according to the closed-circuit principle. The sensitivity is 0-100 kOhm fixed. The device offers screw connection terminals. |

### Commande

|                  |               |
|------------------|---------------|
| EAN              | 4013614348099 |
| Quantité minimum | 1 pièce       |
| Code douanier    | 85364900      |

### Downloads Préférés

|  |                    |
|--|--------------------|
| Fiche produit, informations techniques | 2CDC110004C0210_02 |
| Instructions et manuels                | 1SVC550520M0000    |
| CAD Dimensional Drawing                | 2CDC001079B0201    |

---

**Dimensions**


---

|                      |          |
|----------------------|----------|
| Produit Largeur Net  | 22.5 mm  |
| Produit Hauteur Net  | 78 mm    |
| Produit Longueur Net | 78.5 mm  |
| Poids net            | 0.106 kg |

---



---

**Technique**


---

|   |   |
|---|---|
| Fonction  | Filling monitoring  |
| Sub-Function  | Overflow protection   |
| Number of Electrodes                                | 2   |
| Plage de mesure                                     | 0 ... 100 kΩ  |
| Rated Control Supply Voltage ( $U_s$ )              | 24 V AC   |
| Fréquence assignée (f)                              | Supply Circuit 50/60 Hz   |
| Sortie  | 1 n/o contact   |
| Type de borne                                       | Screw Terminals   |
| Rated Operational Current AC-12 ( $I_e$ )           | (230 V) 4 A   |
| Courant assignée d'emploi AC-15 ( $I_e$ )           | (230 V) 3 A   |
| Rated Operational Current DC-12 ( $I_e$ )           | (24 V) 4 A  |
| Courant assignée d'emploi DC-13 ( $I_e$ )           | (24 V) 2 A  |
| Tension assignée de tenue aux chocs ( $U_{imp}$ )   | Measuring Circuit / Output Circuit 4 kV<br>Supply Circuit / Measuring Circuit 4 kV<br>Supply Circuit / Output Circuit 4 kV              |
| Tension assignée d'isolement ( $U_i$ )              | Measuring Circuit / Output Circuit 250 V<br>Supply Circuit / Measuring Circuit 250 V<br>Supply Circuit / Output Circuit 250 V           |
| Indice de protection                                | Housing IP50<br>Terminals IP20  |
| Dispositif de protection contre les courts-circuits | Output Circuit NO - F Type Fuses 10 A   |
| Connecting Capacity                                 | Flexible with Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup><br>Flexible 2x 1 ... 1.5 mm <sup>2</sup><br>Rigid 2x 0.75 ... 1.5 mm <sup>2</sup> |
| Couple de serrage                                   | 0.6 ... 0.8 N·m   |
| Wire Stripping Length                               | 10 mm   |
| Type d'encastrement                                 | 1 ... 6   |
| Montage sur rail DIN                                | 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                          |
| Normes et standards                                 | CAN/CSA C22.2 No. 14<br>IEC/EN 63000<br>IEC/EN 61000-6-2<br>IEC/EN 61000-6-3<br>UL 508  |

---



---

**Technique UL/CSA**


---

|                                  |                                    |
|----------------------------------|------------------------------------|
| Maximum Operating Voltage UL/CSA | Output Circuit 300 V AC            |
| Contact Rating UL/CSA            | B300                               |
| Connecting Capacity              | Flexible with Ferrule 2x 18-16 AWG |

|                             |   |
|-----------------------------|---|
| UL/CSA                      | Flexible 2x 18-16 AWG<br>Rigid 2x 18-16 AWG |
| Tightening Torque<br>UL/CSA | 7.08 in-lb                                  |

## Environnement

|   |  |
|---|--|
| Température de l'air<br>ambiant                     | Operation -20 ... +60 °C<br>Storage -40 ... +85 °C |
| Altitude de<br>fonctionnement maximale<br>autorisée | Without Derating 2000 m                            |
| REACH Declaration                                   | 1SVD981001-4501                                    |
| Informations RoHS                                   | 1SVD981024-00                                      |
| Statut RoHS   | Following EU Directive 2011/65/EU                  |

## Certificats et Déclarations (Numéro de document)

|                                     |                          |
|-------------------------------------|--------------------------|
| CB Certificate                      | CB_DK-8880               |
| CCC Certificate                     | CCC_2013010303605960     |
| CQC Certificate                     | CQC2013010303605960      |
| Certificat cUL                      | cUL508_E140448           |
| Declaration of Conformity<br>- CCC  | 2020980303000202         |
| Déclaration de Conformité<br>- CE   | 1SVD981024-00            |
| Declaration of Conformity<br>- UKCA | 1SVD981024-10            |
| EAC Certificate                     | EAC_RU_C-DE.ME77.B.03206 |
| Certificat UL                       | UL508_E140448            |

## Emballage

|                                |               |
|--------------------------------|---------------|
| Emballage Niveau 1<br>Unités   | box 1 pièce   |
| Emballage Niveau 1<br>Largeur  | 23 mm         |
| Emballage Niveau 1<br>Longueur | 82 mm         |
| Emballage Niveau 1<br>Hauteur  | 82 mm         |
| Emballage Niveau 1 Poids       | 0.118 kg      |
| Emballage Niveau 1 EAN         | 4013614348099 |

## Classifications

|                                   |  |
|-----------------------------------|--|
| Code de classification<br>d'objet | B  |
| ETIM 7                            | EC001447 - (Fill) level monitoring relay |
| ETIM 8                            | EC001447 - (Fill) level monitoring relay |
| ETIM 9                            | EC001447 - (Fill) level monitoring relay |
| eClass                            | V11.0 : 27371813                         |
| UNSPSC                            | 39122331                                 |
| E-Number (Finland)                | 2712851                                  |
| E-Number (Sweden)                 | 3860806                                  |

---

## Catégories

---

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Contrôle et réglage des niveaux de liquide → CM-Enx

