

PRODUCT-DETAILS

CM-ENS.31S

CM-ENS.31S Liquid level monitoring relay 2c/o, sensitivity 0.1-1000kOhm



Informations générales

Extension du type de produit	CM-ENS.31S
Code de produit	1SVR730850R0300
EAN	4013614502910
Description courte	CM-ENS.31S Liquid level monitoring relay 2c/o, sensitivity 0.1-1000kOhm
Description longue	<p>The CM-ENS.31S belongs to the CM liquid level monitoring relay range. It operates with a rated control supply voltage of 24 - 240 V AC/DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It monitors liquid levels of conductive fluids and protects pumps against dry running or tanks against overflow. The working principle as well as the sensitivity can be selected via front-face potentiometers. Furthermore, an ON-delay or an OFF-delay can be adjusted within a range of 0.1 to 10 s. Several electrodes and a sealable transparent cover for protection against unauthorized changes are available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</p>

Commande

EAN	4013614502910
Quantité minimum	1 pièce
Code douanier	85364900

Downloads Préférés

Fiche produit, informations techniques	2CDC112230D0201
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Instructions et manuels	1SVC730680M1001 1SVC730680M0001
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Produit Largeur Net	22.5 mm
Produit Hauteur Net	85.6 mm
Produit Longueur Net	103.7 mm
Poids net	0.143 kg

Technique

Fonction	Filling or draining monitoring
Number of Electrodes	3
Plage de mesure	0 1 ... 1000 kΩ
Time Range	0 s or 0.1 ... 30 s tripping delay (ON or OFF)
Rated Control Supply Voltage (U_s)	24 ... 240 V AC/DC
Fréquence assignée (f)	Supply Circuit 50/60 Hz
Sortie	2 c/o (SPDT) contacts
Type de borne	Screw Terminals
Rated Operational Current AC-12 (I_{θ})	(230 V) 4 A
Courant assignée d'emploi AC-15 (I_{θ})	(230 V) 3 A
Rated Operational Current DC-12 (I_{θ})	(24 V) 4 A
Courant assignée d'emploi DC-13 (I_{θ})	(24 V) 2 A
Minimum Switching Capacity	12 V 10 mA
Tension assignée de tenue aux chocs (U_{imp})	Measuring Circuit / Output Circuit 4 kV Output Circuit 1 / Output Circuit 2 4 kV Supply Circuit / Measuring Circuit 4 kV Supply Circuit / Output Circuit 4 kV
Tension assignée d'isolement (U_i)	Measuring Circuit / Output Circuit 300 V Output Circuit 1 / Output Circuit 2 300 V Supply Circuit / Measuring Circuit 300 V Supply Circuit / Output Circuit 300 V
Indice de protection	Housing IP50 Terminals IP20
Catégorie de Surtension	III
Degré de pollution	3
Dispositif de protection contre les courts-circuits	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Electrical Durability	AC-12 100000 cycle
Durabilité mécanique	1000000 cycle
Connecting Capacity	Flexible with Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Ferrule 2x 0.5 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm ² Flexible 1x 0.5 ... 2.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.5 ... 2.5 mm ²
Couple de serrage	0.6 ... 0.8 N·m

	Control Circuit 0.9 N·m Main Circuit 1 N·m
Wire Stripping Length	8 mm Main Circuit 10 mm
Recommended Screw Driver	0.8 x 4 4.5 Pozidriv 1
Type d'encastrement	1 ... 5 1 ... 6
Montage sur rail DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Normes et standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508

Technique UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	B300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG
Tightening Torque UL/CSA	7.08 in·lb
Pilot Duty UL/CSA	B300

Environnement

Température de l'air ambiant	Operation -25 ... +60 °C Storage -40 ... +85 °C
Altitude de fonctionnement maximale autorisée	Without Derating 2000 m
REACH Declaration	1SVD981001-4501
Informations RoHS	1SVD981005-00
Statut RoHS	Following EU Directive 2011/65/EU

Valeur Circulaire

Instructions relatives à la fin de vie	1SAC200290H0001
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Certificats et Déclarations (Numéro de document)

CQC Certificate	CQC2015010303819793
Certificat ecULus	cULus508_20150627-E140448
Declaration of Conformity - CCC	2020980303000198
Déclaration de Conformité - CE	1SVD981005-00
Declaration of Conformity - UKCA	1SVD981005-10
DNV GL Certificate	DNV_GL_TAA00000RW
EAC Certificate	EAC_RU_C-DE.ME77.B.02330

Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	97 mm
Emballage Niveau 1 Longueur	30 mm
Emballage Niveau 1 Hauteur	109 mm
Emballage Niveau 1 Poids	0.168 kg
Emballage Niveau 1 EAN	4013614502910

Classifications

Code de classification 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)	2712568

Catégories

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

