

PRODUCT-DETAILS

CM-ENS.11S

CM-ENS.11S Liquid level monitoring relay 1c/o, sensitivity 5-100kOhm



Algemene informatie

Type	CM-ENS.11S
Artikelnummer	1SVR730850R0100
EAN	4013614502934
Omschrijving	CM-ENS.11S Liquid level monitoring relay 1c/o, sensitivity 5-100kOhm
Omschrijving	The CM-ENS.11S 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 1 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 and works according to the open-circuit principle. The sensitivity can be selected via front-face potentiometers. 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.

Ordering

EAN	4013614502934
Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85364900

Popular Downloads

Gegevensblad, technische informatie	2CDC112228D0201
Instructies en handleidingen	1SVC730680M1001 1SVC730680M0001
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product netto breedte	22.5 mm
Product netto hoogte	85.6 mm
Product netto diepte	103.7 mm
Product netto gewicht	0.124 kg

Technical

Functie	Vul- of aftapbewaking
Aantal elektroden	3
Meetbereik	5 ... 100 k Ω
Nominaal stuurvoltage (U_s)	24 ... 240 V AC/DC
Toegekende frequentie (f)	Supply Circuit 50/60 Hz
Uitgang	1 c/o (SPDT) contact
Terminaltype	Schroef
Nominale bedrijfsstroom AC-12 (I_{θ})	(230 V) 4 A
Nominale bedrijfsstroom AC-15 (I_{θ})	(230 V) 3 A
Nominale bedrijfsstroom DC-12 (I_{θ})	(24 V) 4 A
Nominale bedrijfsstroom DC-13 (I_{θ})	(24 V) 2 A
Minimale schakelcapaciteit	12 V 10 mA
Nominale impuls grensvoltage (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
Nominaal isolatievoltage (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
Beschermingsgraad	Behuizing IP50 Terminals IP20
Overspanningscategorie	III
Verontreinigingsgraad	3
Beschermende apparaten met kortsluiting	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Elektrische duurzaamheid	AC-12 100000 cycle

Mechanische duurzaamheid	1000000 cycle
Verbindingscapaciteit	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
Aanhaalmoment	0.6 ... 0.8 N·m Control Circuit 0.9 N·m Main Circuit 1 N·m
Kabelstriplengte	8 mm Main Circuit 10 mm
Aanbevolen schroevendraaier	0.8 x 4 4.5 Pozidriv 1
Plaats van inbouw	1 ... 5 1 ... 6
Montage op DIN-rail	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
Normen	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

Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	Output Circuit 300 V AC
Contactklasse UL/CSA	B300
Verbindingscapaciteit UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG
Aanhaalmoment UL/CSA	7.08 in·lb
Testwerking van contactelementen vlg. UL508	B300

Environmental

Omgevingsluchttemperatu ur	Werking -25 ... +60 °C Opslag -40 ... +85 °C
Maximale werkhoogte toegestaan	Without Derating 2000 m
RoHS-status	Following EU Directive 2011/65/EU

Circular Value

End of Life Instructions	1SAC200290H0001
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Certificates and Declarations

CQC-certificaat	CQC2015010303819793
cULus-certificaat	cULus508_20150627-E140448
Declaration of Conformity - CCC	2020980303000198
Conformiteitsverklaring - CE	1SVD981005-00
Declaration of Conformity - UKCA	1SVD981005-10
DNV GL-certificaat	DNV_GL_TAA00000RW
EAC-certificaat	EAC_RU_C-DE.ME77.B.02330

Container Information

Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Breedte	97 mm
Pakketniveau 1 Lengte	30 mm
Pakketniveau 1 Hoogte	109 mm
Pakketniveau 1 Brutogewicht	0.148 kg
Pakketniveau 1 EAN	4013614502934

Classifications

Object classificatiecode	B
ETIM 7	EC001447 - (Fill) level monitoring relay
ETIM 8	EC001447 - Niveaubewakingsrelais
ETIM 9	EC001447 - Niveaubewakingsrelais
eClass	V11.0 : 27371813
UNSPSC	39122331
E-Number (Finland)	2712566

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Elektronisch relais en bediening → Vloeistofniveaubewaking en -bediening
→ CM-Enx

