PRODUCT-DETAILS

CM-ENE MAX

CM-ENE MAX Liquid level relay 1n/o, 220-240VAC



General Information

Extended Product Type	CM-ENE MAX
Product ID	1SVR550851R9400
EAN	4013614348075
Catalog Description	CM-ENE MAX Liquid level relay 1n/o, 220-240VAC
Long Description	The CM-ENE MAX belongs to the CM liquid level monitoring relay range. It operates with a rated control supply voltage of 220-240 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.

Ordering

EAN	4013614348075
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

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Data Sheet, Technical Information	2CDC110004C0210_02
Instructions and Manuals	1SVC550520M0000
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	22.5 mm
Product Net Height	78 mm
Product Net Depth / Length	78.5 mm
Product Net Weight	0.106 kg

Technical

Function	Filling monitoring
Sub-Function	Overflow protection
Number of Electrodes	2
Measuring Range	0 ... 100 kΩ
Rated Control Supply Voltage (U_S)	220 ... 240 V AC
Rated Frequency (f)	Supply Circuit 50/60 Hz
Output	1 n/o contact
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I_e)	(230 V) 4 A
Rated Operational Current AC-15 (I_e)	(230 V) 3 A
Rated Operational Current DC-12 (I_e)	(24 V) 4 A
Rated Operational Current DC-13 (I_e)	(24 V) 2 A
Rated Impulse Withstand Voltage (U_{imp})	Measuring Circuit / Output Circuit 4 kV Supply Circuit / Measuring Circuit 4 kV Supply Circuit / Output Circuit 4 kV
Rated Insulation Voltage (U_i)	Measuring Circuit / Output Circuit 250 V Supply Circuit / Measuring Circuit 250 V Supply Circuit / Output Circuit 250 V
Degree of Protection	Housing IP50 Terminals IP20
Short-Circuit Protective Devices	Output Circuit NO - F Type Fuses 10 A
Connecting Capacity	Flexible with Ferrule 2x 0.75 ... 1.5 mm² Flexible 2x 1 ... 1.5 mm² Rigid 2x 0.75 ... 1.5 mm²
Tightening Torque	0.6 ... 0.8 N·m
Wire Stripping Length	10 mm
Mounting Position	1 ... 6
Mounting on 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
Standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508

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Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	B300
Connecting Capacity UL/CSA	Flexible with Ferrule 2x 18-16 AWG Flexible 2x 18-16 AWG Rigid 2x 18-16 AWG
Tightening Torque UL/CSA	7.08 in·lb

Environmental

Ambient Air Temperature	Operation -20 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SVD981001-4501
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	2CMT2023-006536

Certificates and Declarations

CB Certificate	CB_DK-8880
CCC Certificate	CCC_2013010303605960
CQC Certificate	CQC2013010303605960
cUL Certificate	cUL508_E140448
Declaration of Conformity - CCC	2020980303000202
Declaration of Conformity - CE	1SVD981024-00
Declaration of Conformity - UKCA	1SVD981024-10
UL Certificate	UL508_E140448

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	23 mm
Package Level 1 Depth / Length	82 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	0.118 kg
Package Level 1 EAN	4013614348075

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Classifications

Object Classification Code	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)	2712849
E-Number (Norway)	4187271
E-Number (Sweden)	3860808

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Liquid Level Monitors and Controls → CM-Enx



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