

CM-ESS.2S



General Information

Extended Product Type:	CM-ESS.2S
Product ID:	1SVR730830R0400
EAN:	4016779852166
Catalog Description:	CM-ESS.2S Voltage monitoring relay
Long Description:	CM-ESS.2S Voltage monitoring relay 2c/o, B-C=3-600VRMS, 24-240VAC/DC Replacement for 1SVR430830R0400

Categories

Products » Low Voltage Products and Systems » Control Products » Electronic Relays and Controls » Single Phase Monitors

Ordering

EAN:	4016779852166
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	97.0 mm
Package Level 1 Height:	109.0 mm
Package Level 1 Length:	30.0 mm
Package Level 1 Gross Weight:	0.176 kg

Dimensions

Product Net Width:	22.5 mm
Product Net Depth:	103.7 mm
Product Net Height:	85.6 mm
Product Net Weight:	0.153 kg

Technical

Function:	Over- or undervoltage monitoring
Measuring Range:	3 ... 30 V 6 ... 60 V 30 ... 300 V 60 ... 600 V
Rated Control Supply Voltage (U_s):	24 ... 240 V AC/DC
Output:	2 c/o (SPDT) contacts
Time Range:	0 s or 0.1-30 s tripping delay (ON)
Terminal Type:	Screw Terminals
Rated Operational Current AC-12 (I_e):	(230V) 4.000 A
Rated Operational Current DC-12 (I_e):	(24V) 4.000 A
Rated Operational Current DC-13 (I_e):	(24V) 2.000 A
Rated Impulse Withstand Voltage (U_{imp}):	Output Circuit 4 kV
Degree of Protection:	Housing IP50 Terminals IP20
Overvoltage Category:	III
Pollution Degree:	3
Short-Circuit Protective Devices:	Output Circuit NC - F Type Fuses 10 A

Output Circuit NO - F Type Fuses 10 A

Connecting Capacity:Flexible 1x 0.5 ... 2.5 mm²
Flexible 2x 0.5 ... 1.5 mm²
Rigid 1x 0.5 ... 4 mm²
Rigid 2x 0.5 ... 2.5 mm²**Tightening Torque:**

0.6 ... 0.8 N·m

Wire Stripping Length:

8 mm

Mounting Position:

Any

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:**IEC/EN 60255-1
IEC/EN 60255-27
EN 50178**Environmental****Ambient Air Temperature:**Operation -20 ... +60 °C
Storage -40 ... +85 °C**RoHS Status:**

Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical UL/CSA**Maximum Operating Voltage
UL/CSA:**

Output Circuit 300 V AC

Contact Rating UL/CSA:

B300

Connecting Capacity UL/CSA:Flexible 1x 20 ... 14 AWG
Flexible 2x 20 ... 16 AWG
Rigid 1x 20 ... 12 AWG
Rigid 2x 20 ... 14 AWG**Tightening Torque UL/CSA:**

5.31 ... 7.08 in·lb

Certificates and Declarations (Document Number)**CB Certificate:**

CB_DK-28255-UL

CCC Certificate:

CCC_2007010303243843.pdf

cULus Certificate:

cULus508_20120203-E140448

Declaration of Conformity - CE:

1SAD938500-0202

EAC Certificate:

EAC_RU_C-DE.ME77.B.01012

GL Certificate:

GL_61765-14HH

RMRS Certificate:

RMRS_12.04009.250

RoHS Information:

1SAA981056-4401

Classifications**Object Classification Code:**

B

E-nummer:

3860619

ETIM 4.0:

EC001438 - Voltage monitoring relay

ETIM 5.0:

EC001438 - Voltage monitoring relay



