

# CM-EFS.2S



## General Information

<b>Extended Product Type:</b>	CM-EFS.2S
<b>Product ID:</b>	1SVR730750R0400
<b>EAN:</b>	4016779852128
<b>Catalog Description:</b>	CM-EFS.2S Voltage monitoring relay
<b>Long Description:</b>	CM-EFS.2S Voltage monitoring relay 2c/o, B-C=3-600VRMS, 24-240VAC/DC Replacement for 1SVR430750R0400

## Categories

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

## Ordering

<b>EAN:</b>	4016779852128
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85364900

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	97.0 mm
<b>Package Level 1 Height:</b>	109.0 mm
<b>Package Level 1 Length:</b>	30.0 mm
<b>Package Level 1 Gross Weight:</b>	0.179 kg

## Dimensions

<b>Product Net Width:</b>	22.5 mm
<b>Product Net Depth:</b>	103.7 mm
<b>Product Net Height:</b>	85.6 mm
<b>Product Net Weight:</b>	0.157 kg

## Technical

<b>Function:</b>	Over- and undervoltage monitoring
<b>Measuring Range:</b>	3 ... 30 V 6 ... 60 V 30 ... 300 V 60 ... 600 V
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	24 ... 240 V AC/DC
<b>Output:</b>	2 x 1 c/o or 1 x 2 c/o contacts, configurable
<b>Time Range:</b>	0 s or 0.1-30 s tripping delay (ON or OFF)
<b>Terminal Type:</b>	Screw Terminals
<b>Rated Operational Current AC-12 (I<sub>e</sub>):</b>	(230V) 4.000 A
<b>Rated Operational Current DC-12 (I<sub>e</sub>):</b>	(24V) 4.000 A
<b>Rated Operational Current DC-13 (I<sub>e</sub>):</b>	(24V) 2.000 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Output Circuit 4 kV
<b>Degree of Protection:</b>	Housing IP50 Terminals IP20
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Short-Circuit Protective Devices:</b>	Output Circuit NC - F Type Fuses 10 A

Output Circuit NO - F Type Fuses 10 A

**Connecting Capacity:**Flexible 1x 0.5 ... 2.5 mm<sup>2</sup>  
Flexible 2x 0.5 ... 1.5 mm<sup>2</sup>  
Rigid 1x 0.5 ... 4 mm<sup>2</sup>  
Rigid 2x 0.5 ... 2.5 mm<sup>2</sup>**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:**

3860615

**ETIM 4.0:**

EC001438 - Voltage monitoring relay

**ETIM 5.0:**

EC001438 - Voltage monitoring relay

