

# CM-PFS.S

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## General Information

<b>Extended Product Type:</b>	CM-PFS.S
<b>Product ID:</b>	1SVR730824R9300
<b>EAN:</b>	4016779851947
<b>Catalog Description:</b>	CM-PFS.S Three-phase monitoring relay
<b>Long Description:</b>	CM-PFS.S Three-phase monitoring relay 2c/o, L1-L2-L3=200-500VAC 50/60Hz Replacement for 1SVR430824R9300



## Categories

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

## Ordering

<b>EAN:</b>	4016779851947
<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>	0.152 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>	0.127 kg

## Technical

<b>Function:</b>	Phase failure detection Phase sequence monitoring
<b>Standards:</b>	IEC/EN 60255-1 IEC/EN 60255-27 EN 50178
<b>Measuring Range:</b>	3x200 ... 500 V AC
<b>Rated Control Supply Voltage (U<sub>g</sub>):</b>	3 x 200 ... 500 V AC
<b>Output:</b>	2 c/o (SPDT) contacts
<b>Time Range:</b>	500 ms start-up delay
<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 AC-15 (I<sub>e</sub>):</b>	(230V) 3 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>	Input Circuit 6 kV 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 6 A Output Circuit NO - F Type Fuses 10 A
<b>Connecting Capacity:</b>	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>
<b>Tightening Torque:</b>	0.6 ... 0.8 N·m
<b>Wire Stripping Length:</b>	8 mm
<b>Mounting Position:</b>	Any
<b>Mounting on DIN Rail:</b>	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

### Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -40 ... +85 °C
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

### Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Output Circuit 300 V AC
<b>Contact Rating UL/CSA:</b>	B300
<b>Connecting Capacity UL/CSA:</b>	Flexible 1x 20 ... 14 AWG Flexible 2x 20 ... 16 AWG Rigid 1x 20 ... 12 AWG Rigid 2x 20 ... 14 AWG
<b>Tightening Torque UL/CSA:</b>	5.31 ... 7.08 in·lb

### Certificates and Declarations (Document Number)

<b>CB Certificate:</b>	CB_DK-28908-UL
<b>CCC Certificate:</b>	CCC_2005010303165479
<b>cULus Certificate:</b>	cULus508_20120829-E140448
<b>Declaration of Conformity - CE:</b>	1SAD938500-0203
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.01012
<b>GL Certificate:</b>	GL_37695-12HH
<b>RoHS Information:</b>	1SAA981057-4401

### Classifications

<b>Object Classification Code:</b>	B
<b>E-number:</b>	3860595
<b>ETIM 4.0:</b>	EC001441 - Phase monitoring relay
<b>ETIM 5.0:</b>	EC001441 - Phase monitoring relay
<b>eClass:</b>	7.0 27371803