



Electric Automation
Automation specialists

Reference: CM-TCS.13S
Code: 1SVR730740R0300

CM-TCS.13S Temperature monitoring relay
Temp.-range 0...+200°C, 24-240VAC/DC

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Replacement for 1SVR630740R0300

Ordering

EAN:	4016779852739
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	97 mm
Package Level 1 Height:	109 mm
Package Level 1 Length:	30 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:	0.151 kg

Technical

Function:	Overtemperature monitoring Undertemperature monitoring Over- and undertemperature monitoring 1 sensor circuit Short-circuit detection
Measuring Range:	0 ... +200 °C
Rated Control Supply Voltage (U _s):	24 ... 240 V AC/DC
Output:	2 x 1 c/o or 1 x 2 c/o contacts, configurable
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
Minimum Switching Capacity:	24 V 10 mA
Rated Impulse Withstand Voltage (U _{imp}):	4 kV
Rated Insulation Voltage (U _i):	300 V
Degree of Protection:	Housing IP50 Terminals IP20
Overvoltage Category:	III
Pollution Degree:	3
Short-Circuit Protective Devices:	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Electrical Durability:	AC-12 100000 cycle
Connecting Capacity:	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
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 -40 ... +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 18 ... 14 AWG Flexible 2x 18 ... 16 AWG Rigid 1x 20 ... 12 AWG Rigid 2x 20 ... 14 AWG
Tightening Torque UL/CSA:	7.08 in·lb

Certificates and Declarations (Document Number)

CCC Certificate:	CCC_2007010303243843.pdf
cULus Certificate:	cULus508_20120830-E140448
Declaration of Conformity - CE:	1SAD938500-0206
EAC Certificate:	EAC_RU_C-DE.ME77.B.01012
GL Certificate:	GL_60466-13HH
RoHS Information:	1SAA981059-4401

Classifications

Object Classification Code:	B
E-nummer:	3860665
ETIM 4:	EC001446 - Temperature monitoring relay
ETIM 5:	EC001446 - Temperature monitoring relay
eClass:	7.0 27371810