



Electric Automation
Automation specialists

Reference: CM-TCS.11S
Code: 1SVR730740R0100

CM-TCS.11S Temperature monitoring relay
Temp.-range -50...+50°C, 24-240VAC/DC

Buy it at Electric Automation Network



CM-TCS.11S Temperature monitoring relay Temp.-range -50...+50°C, 24-240VAC/DC
Replacement for 1SVR630740R0100

Ordering

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|-------------------------|---------------|
| EAN: | 4016779852715 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85364900 |

Container Information

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|-------------------------------|----------|
| 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

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|---------------------|----------|
| 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

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| Function: | Overtemperature monitoring Undertemperature monitoring Over- and undertemperature monitoring 1 sensor circuit Short-circuit detection |
| Measuring Range: | -50 ... +50 °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

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|--------------------------|---|
| 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

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|-----------------------------------|--|
| 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)

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|---------------------------------|---------------------------|
| 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

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|-----------------------------|---|
| Object Classification Code: | B |
| E-nummer: | 3860663 |
| ETIM 4: | EC001446 - Temperature monitoring relay |
| ETIM 5: | EC001446 - Temperature monitoring relay |
| eClass: | 7.0 27371810 |