

PRODUCT-DETAILS

CM-TCS.22S

CM-TCS.22S Temperature monitoring relay Temp.-range 0...+100°C, 24VAC/DC



Informations générales

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|------------------------------|--|
| Extension du type de produit | CM-TCS.22S |
| Code de produit | 1SVR730740R9200 |
| EAN | 4016779852753 |
| Description courte | CM-TCS.22S Temperature monitoring relay Temp.-range 0...+100°C, 24VAC/DC |
| Description longue | <p>The CM-TCS.22S relay is from the CM temperature monitors range. This relay operates with a rated control supply voltage of 24 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. The CM-TCS.22S is able to measure temperature with 1 sensor circuit using PT100 sensor. The CM-TCS.22S monitors overtemperature, undertemperature and window monitoring with 2 thresholds. The corresponding threshold values are adjustable. The temperature measuring range is 0..+100°C. A sealable transparent cover for protection against unauthorized changes is available as accessory.</p> <p>The device offers screw connection technology with double-chamber cage connection terminals.</p> |

Commande

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|------------------|---------------|
| EAN | 4016779852753 |
| Quantité minimum | 1 pièce |
| Code douanier | 85364900 |

Downloads Préférés

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|--|------------------------------------|
| Fiche produit, informations techniques | 2CDC112199D0201 |
| Instructions et manuels | 1SVC730560M1001 1SVC730560M0001 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

Dimensions

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|----------------------|----------|
| Produit Largeur Net | 22.5 mm |
| Produit Hauteur Net | 85.6 mm |
| Produit Longueur Net | 103.7 mm |
| Poids net | 0.138 kg |

Technique

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| Fonction | Overtemperature monitoring Undertemperature monitoring Over- and undertemperature monitoring |
| Plage de mesure | 0 ... +100 °C |
| Sensor Type | PT100 |
| Rated Control Supply Voltage (U_s) | 24 V AC/DC |
| Fréquence assignée (f) | Supply Circuit 50 Hz Supply Circuit 60 Hz Supply Circuit DC |
| Sortie | 2 x 1 c/o or 1 x 2 c/o contacts, configurable |
| Type de borne | Screw Terminals |
| Rated Operational Current AC-12 (I_e) | (230 V) 4 A |
| Courant assignée d'emploi AC-15 (I_e) | (230 V) 3 A |
| Rated Operational Current DC-12 (I_e) | (24 V) 4 A |
| Courant assignée d'emploi DC-13 (I_e) | (24 V) 2 A |
| Minimum Switching Capacity | 24 V 10 mA |
| Tension assignée de tenue aux chocs (U_{imp}) | Measuring Circuit / Output Circuit 4 kV Output Circuit 1 / Output Circuit 2 4 kV Supply Circuit / Measuring Circuit 4 kV Supply Circuit / Output Circuit 4 kV |
| Tension assignée d'isolement (U_i) | Measuring Circuit / Output Circuit 300 V Output Circuit 1 / Output Circuit 2 300 V Supply Circuit / Measuring Circuit 300 V Supply Circuit / Output Circuit 300 V |
| Indice de protection | Housing IP50 Terminals IP20 |
| Catégorie de Surtension | III |
| Degré de pollution | 3 |

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| Dispositif de protection contre les courts-circuits | Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A |
| Electrical Durability | AC-12 100000 cycle |
| Durabilite mecanique | 30000000 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 |
| Couple de serrage | 0.6 ... 0.8 N·m |
| Wire Stripping Length | 8 mm |
| Recommended Screw Driver | 0.8 x 4 4.5 Pozidriv 1 |
| Type d'encastrement | 1 ... 6 |
| Montage sur rail DIN | 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 |
| Normes et standards | CAN/CSA C22.2 No.60947-5-1 IEC/EN 60255-26 IEC/EN 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 IEC/EN 63000 UL 60947-5-1 IEC/EN 60947-5-1 |

Technique 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 |
| Pilot Duty UL/CSA | B300 |

Environnement

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| Température de l'air ambiant | Operation -40 ... +60 °C Storage -40 ... +85 °C |
| Altitude de fonctionnement maximale autorisée | Without Derating 2000 m |
| REACH Declaration | 1SVD981001-4501 |
| Informations RoHS | 1SVD981015-00 |
| Statut RoHS | Following EU Directive 2011/65/EU |

Valeur Circulaire

Instructions relatives à la
fin de vie

1SAC200290H0001

Certificats et Déclarations (Numéro de document)

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|-------------------------------------|---------------------------------|
| CCC Certificate | CCC_2018010303056014 |
| CQC Certificate | CQC2007010303243843 |
| Certificat ecULus | cULus60947-5-1_20170922-E140448 |
| Declaration of Conformity - CCC | 2020980303000196 |
| Déclaration de Conformité - CE | 1SVD981015-00 |
| Declaration of Conformity - UKCA | 1SVD981015-10 |
| DNV GL Certificate | DNV_GL_TAA000021M |
| EAC Certificate | EAC_RU_C-DE.ME77.B.03424 |

Emballage

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|--------------------------------|---------------|
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Largeur | 97 mm |
| Emballage Niveau 1 Longueur | 30 mm |
| Emballage Niveau 1 Hauteur | 109 mm |
| Emballage Niveau 1 Poids | 0.163 kg |
| Emballage Niveau 1 EAN | 4016779852753 |

Classifications

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|-----------------------------------|---|
| Code de classification d'objet | B |
| ETIM 7 | EC001446 - Temperature monitoring relay |
| ETIM 8 | EC001446 - Temperature monitoring relay |
| ETIM 9 | EC001446 - Temperature monitoring relay |
| eClass | V11.0 : 27371810 |
| UNSPSC | 39122331 |
| E-Number (Finland) | 2712330 |
| E-Number (Sweden) | 3860667 |

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Contrôle des températures

