

PRODUCT-DETAILS

CM-MSS.21S

CM-MSS.21S Therm. motor protec. relay 1n/o+1n/c, 24-240VAC/DC



Informations générales

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|------------------------------|--|
| Extension du type de produit | CM-MSS.21S |
| Code de produit | 1SVR730722R1400 |
| EAN | 4013614496622 |
| Description courte | CM-MSS.21S Therm. motor protec. relay 1n/o+1n/c, 24-240VAC/DC |
| Description longue | The CM-MSS.21S belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 1 n/c + 1 n/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of the CM-MSS.21S is short-circuit, as well as interrupted-wire monitored and the relay will be reset automatically after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals. |

Commande

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| EAN | 4013614496622 |
| Quantité minimum | 1 pièce |
| Code douanier | 85364900 |

Downloads Préférés

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| Fiche produit, informations techniques | 2CDC112218D0201 |
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|---------------------------|------------------------------------|
| Instructions et manuels | 1SVC730700M1000 1SVC730700M0000 |
| Ex Operating Instructions | 1SVC730640M9000 |
| 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 | 0.126 kg |

Technique

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| Fonction | 1 sensor circuit Short-circuit detection Auto reset ATEX approved Dynamic interrupted wire detection Non-volatile fault storage |
| Rated Control Supply Voltage (U_s) | 24 ... 240 V AC/DC |
| Tension | Circuit auxiliaire 250 V AC |
| Fréquence assignée (f) | Supply Circuit 15 ... 400 Hz |
| Sortie | 1 n/o + 1 n/c contact |
| Type de borne | Screw Terminals |
| Rated Operational Current AC-12 (I_{θ}) | (230 V) 4 A |
| Courant assignée d'emploi AC-15 (I_{θ}) | (230 V) 3 A |
| Rated Operational Current DC-12 (I_{θ}) | (24 V) 4 A |
| Courant assignée d'emploi DC-13 (I_{θ}) | (24 V) 2 A |
| Minimum Switching Capacity | 24 V 10 mA |
| Tension assignée de tenue aux chocs (U_{imp}) | Output Circuit 1 / Output Circuit 2 4 kV 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 |
| Dispositif de protection contre les courts-circuits | Output Circuit NC - F Type Fuses 10 A Output Circuit NO - F Type Fuses 10 A |
| Electrical Durability | AC-12 100000 cycle |
| Durabilite mecanique | 30000000 cycle |
| Connecting Capacity | 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 | 4.5 0.8 x 4 |

Pozidriv 1

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| Type d'encastrement | 1 ... 6 |
| Montage sur rail DIN | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| Normes et standards | CAN/CSA C22.2 No.14 EN 50495 IEC/EN 63000 IEC/EN 60079-7 IEC/EN 60947-5-1 IEC/EN 60947-8 UL 508 |

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 2x 20-14 AWG Rigid 1x 20-12 AWG |
| Tightening Torque UL/CSA | 7.08 in-lb |
| Pilot Duty UL/CSA | B300 |
| Flammability According to UL94 | V-0 |

Environnement

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| Température de l'air ambiant | Operation -25 ... +60 °C Storage -40 ... +85 °C |
| Altitude de fonctionnement maximale autorisée | Without Derating 2000 m |
| REACH Declaration | 1SVD981001-4501 |
| Informations RoHS | 1SVD981007 |
| Statut RoHS | Following EU Directive 2011/65/EU |

Valeur Circulaire

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| Instructions relatives à la fin de vie | 1SAC200290H0001 |
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Certificats et Déclarations (Numéro de document)

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|----------------------------------|---|
| Certificat ATEX | EU Type Examination Certificate_TPS_18_ATEX_044254_0018_X |
| CB Certificate | CB_DK-40837-UL |
| CCC Certificate | CCC_2005010303165479 |
| CQC Certificate | CQC2005010303165479 |
| Certificat ecULus | cULus508_20140912-E140448 |
| Declaration of Conformity - CCC | 2020980303000194 |
| Déclaration de Conformité - CE | 1SVD981007 |
| Declaration of Conformity - UKCA | 1SVD981007-10 |
| DNV GL Certificate | DNVGL_TAE00003W4 |
| EAC Certificate | EAC_RU_C-DE.ME77.B.01825 |

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 | 0.153 kg |
| Emballage Niveau 1 EAN | 4013614496622 |

Classifications

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| Code de classification d'objet | B |
| ETIM 7 | EC002568 - Relay for thermistor protection (PTC) |
| ETIM 8 | EC002568 - Relay for thermistor protection (PTC) |
| ETIM 9 | EC002568 - Relay for thermistor protection (PTC) |
| eClass | V11.0 : 27371503 |
| UNSPSC | 39122331 |
| E-Number (Finland) | 2712399 |
| E-Number (Sweden) | 3860722 |

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Relais de protection des moteurs à thermistances

