

PRODUCT-DETAILS

CM-MPS.11S

CM-MPS.11S Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3-N=3x90-170VAC



Informations générales

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|------------------------------|-----------------|
| Extension du type de produit | CM-MPS.11S |
| Code de produit | 1SVR730885R1300 |
| EAN | 4016779851886 |

Description courte CM-MPS.11S Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3-N=3x90-170VAC

Description longue The CM-MPS.11S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 90-170 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay is also suitable to monitor single-phase mains. It monitors all phase parameters such as over/undervoltage, phase unbalance, phase failure as well as an interrupted neutral. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). 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 | 4016779851886 |
| Quantité minimum | 1 pièce |
| Code douanier | 85364900 |

Downloads Préférés

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| Fiche produit, informations techniques | 2CDC112205D0201 |
| Instructions et manuels | 1SVC730730M1000 1SVC730730M0000 |
| 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 | 0.148 kg |

Technique

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| Fonction | Over- and undervoltage monitoring Phase failure detection Phase unbalance detection Phase sequence monitoring Interrupted neutral monitoring |
| Plage de mesure | (L-N) 90 ... 170 V AC |
| Time Range | 0 s or 0.1 ... 30 s tripping delay (ON or OFF) 200 ms start-up delay |
| Rated Control Supply Voltage (U_s) | (L-N) 90 ... 170 V AC |
| Fréquence assignée (f) | Supply Circuit 50/60 Hz |
| Sortie | 2 c/o (SPDT) contacts |
| 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}) | Input Circuit 6 kV Output Circuit 4 kV |
| Tension assignée d'isolement (U_i) | Input Circuit / Output Circuit 600 V Output Circuit 1 / Output Circuit 2 300 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 6 A Output Circuit NO - F Type Fuses 10 A |

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| 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 | 4.5 0.8 x 4 Pozidriv 1 |
| 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 IEC/EN 63000 IEC/EN 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 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 | 1SVD981014-00 |
| Statut RoHS | Following EU Directive 2011/65/EU |

Valeur Circulaire

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| Instructions relatives à la | 1SAC200290H0001 |
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fin de vie

Certificats et Déclarations (Numéro de document)

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| CB Certificate | CB_DK-27947-UL |
| CQC Certificate | CQC2009010303326655 |
| Certificat ecULus | cULus508_20120829-E140448 |
| Declaration of Conformity - CCC | 2020980303000197 |
| Déclaration de Conformité - CE | 1SVD981014-00 |
| Declaration of Conformity - UKCA | 1SVD981014-10 |
| DNV GL Certificate | DNV_GL_TAA000017D |
| 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 | 0.173 kg |
| Emballage Niveau 1 EAN | 4016779851886 |

Classifications

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|-----------------------------------|-----------------------------------|
| Code de classification d'objet | B |
| ETIM 7 | EC001441 - Phase monitoring relay |
| ETIM 8 | EC001441 - Phase monitoring relay |
| ETIM 9 | EC001441 - Phase monitoring relay |
| eClass | V11.0 : 27371803 |
| UNSPSC | 39122332 |
| E-Number (Finland) | 2712270 |
| E-Number (Sweden) | 3860589 |

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Three Phase Monitors
Produits et Systèmes Moyenne Tension → Service → Pièces détachées → Parts → All Spare Parts (Relays-SWG-CB)

