

PRODUCT-DETAILS

# CM-SRS.21S

## CM-SRS.21S Current monitoring relay 2c/o, B-C=3mA-1A RMS, 110-130VAC



### Informations générales

Extension du type de produit	CM-SRS.21S
Code de produit	1SVR730841R0400
EAN	4016779852302
Description courte	CM-SRS.21S Current monitoring relay 2c/o, B-C=3mA-1A RMS, 110-130VAC

Description longue	<p>The CM-SRS.21S is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 3-30 mA, 10-100 mA and 0.1-1 A and works according to the open-circuit principle. The CM-SRS.21S is configurable for over- or undercurrent monitoring. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value and 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.</p>
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### Commande

EAN	4016779852302
Quantité minimum	1 pièce
Code douanier	85364900

## Downloads Préférés

Fiche produit, informations techniques	2CDC112168D0201
Instructions et manuels	1SVC730720M1000 1SVC730720M0000
CAD Dimensional Drawing	2CDC001079B0201

## Dimensions

Produit Largeur Net	22.5 mm
Produit Hauteur Net	85.6 mm
Produit Longueur Net	103.7 mm
Poids net	0.179 kg

## Technique

Fonction	Over- or undercurrent monitoring
Plage de mesure	3 ... 30 mA 10 ... 100 mA 0.1 ... 1 A
Time Range	0 s or 0.1 ... 30 s tripping delay (ON)
Rated Control Supply Voltage ( $U_s$ )	110 ... 130 V AC
Sortie	2 c/o (SPDT) contacts
Type de borne	Screw Terminals
Rated Operational Current AC-12 ( $I_{\theta}$ )	(230 V) 4 A
Courant assignée d'emploi AC-15 ( $I_{\theta}$ )	(230 V) 3 A
Rated Operational Current DC-12 ( $I_{\theta}$ )	(24 V) 4 A
Courant assignée d'emploi DC-13 ( $I_{\theta}$ )	(24 V) 2 A
Minimum Switching Capacity	24 V 10 mA
Tension assignée de tenue aux chocs ( $U_{imp}$ )	Measuring Circuit / Output Circuit 6 kV Output Circuit 1 / Output Circuit 2 4 kV Supply Circuit / Measuring Circuit 6 kV Supply Circuit / Output Circuit 4 kV
Tension assignée d'isolement ( $U_i$ )	Measuring Circuit / Output Circuit 600 V Output Circuit 1 / Output Circuit 2 250 V Supply Circuit / Measuring Circuit 600 V Supply Circuit / Output Circuit 250 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

Durabilité mécanique	30000000 cycle
Connecting Capacity	Flexible with Ferrule 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible with Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible 2x 0.5 ... 1.5 mm <sup>2</sup> Rigid 1x 0.5 ... 4 mm <sup>2</sup> Rigid 2x 0.5 ... 2.5 mm <sup>2</sup>
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. 14 IEC/EN 63000 IEC/EN 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508

## Technique 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
Pilot Duty UL/CSA	B300
Flammability According to UL94	V-0

## Environnement

Température de l'air ambiant	Operation -20 ... +60 °C Storage -40 ... +85 °C
Altitude de fonctionnement maximale autorisée	Without Derating 2000 m
REACH Declaration	1SVD981001-4501
Informations RoHS	1SVD981013-00
Statut RoHS	Following EU Directive 2011/65/EU

## Valeur Circulaire

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


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CB Certificate	CB_DK-28255-UL
CQC Certificate	CQC2007010303243843
Certificat ecULus	cULus508_20120203-E140448
Declaration of Conformity - CCC	2020980303000196
Déclaration de Conformité - CE	1SVD981013-00
Declaration of Conformity - UKCA	1SVD981013-10
DNV GL Certificate	DVN_GL_TAA0000293
EAC Certificate	EAC_RU_C-DE.ME77.B.03424

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**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	0.201 kg
Emballage Niveau 1 EAN	4016779852302

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**Classifications**


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Code de classification d'objet	B
ETIM 7	EC001440 - Current monitoring relay
ETIM 8	EC001440 - Current monitoring relay
ETIM 9	EC001440 - Current monitoring relay
eClass	V11.0 : 27371802
UNSPSC	39122332
E-Number (Finland)	2712313
E-Number (Sweden)	3860633

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**Catégories**


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Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Contrôle de réseau monophasé

