

PRODUCT-DETAILS

CM-MPS.31S

CM-MPS.31S Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x160-300VAC



Informations générales

Extension du type de produit	CM-MPS.31S
Code de produit	1SVR730884R1300
EAN	4016779851855
Description courte	CM-MPS.31S Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x160-300VAC
Description longue	<p>The CM-MPS.31S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 160-300 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitors all phase parameters such as over/undervoltage, phase unbalance and phase failure. 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.</p>

Commande

EAN	4016779851855
Quantité minimum	1 pièce
Code douanier	85364900

Popular Downloads

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

Technique

Fonction	Phase failure detection Phase sequence monitoring Over- and undervoltage monitoring Phase unbalance detection
Plage de mesure	(L-L) 160 ... 300 V AC
Time Range	200 ms start-up delay 0 s or 0.1 ... 30 s tripping delay (ON or OFF)
Rated Control Supply Voltage (U_g)	(L-L) 160 ... 300 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_g)	(230 V) 4 A
Courant assignée d'emploi AC-15 (I_g)	(230 V) 3 A
Rated Operational Current DC-12 (I_g)	(24 V) 4 A
Courant assignée d'emploi DC-13 (I_g)	(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
Electrical Durability	AC-12 100000 cycle

Durabilité mécanique	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.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 -25 ... +60 °C Storage -40 ... +85 °C
Altitude de fonctionnement maximale autorisée	Without Derating 2000 m
Statut RoHS	Following EU Directive 2011/65/EU

Circular Value

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

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

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	0.167 kg
Emballage Niveau 1 EAN	4016779851855

Classifications

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)	2712276
E-Number (Sweden)	3860586

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Three Phase Monitors

