

PRODUCT-DETAILS

CM-IWN.1S

CM-IWN.1S Insulation monitoring relay 2c/o, 1-100kOhm,2-200kOhm, 24-240VAC/DC



Informations générales

Extension du type de produit	CM-IWN.1S
Code de produit	1SVR750660R0200
EAN	4016779852623
Description courte	CM-IWN.1S Insulation monitoring relay 2c/o, 1-100kOhm,2-200kOhm, 24-240VAC/DC
Description longue	The CM-IWN.1S serves to monitor insulation resistance in accordance with IEC 61557-8 in unearthed IT AC systems, IT AC systems with galvanically connected DC circuits, or unearthed IT DC systems with a voltage up to 400 V AC and 600 V DC. The measuring range can be extended up to 690 V AC and 1000 V DC by using the coupling unit CM-IVN. It can be configured to the requirements of the applications and therefore used multi-functional.

Commande

EAN	4016779852623
Quantité minimum	1 pièce
Code douanier	85364900

Popular Downloads

Fiche produit, informations techniques	2CDC112198D0201
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Instructions et manuels	1SVC750020M0001
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Produit Largeur Net	45 mm
Produit Hauteur Net	85.6 mm
Produit Longueur Net	104.8 mm
Poids net	0.241 kg

Technique

Fonction	Unearthed AC systems Unearthed DC systems Unearthed mixed AC / DC systems Up to 400 V AC Up to 600 V DC
Plage de mesure	1 ... 200 kΩ
Rated Control Supply Voltage (U_s)	24 ... 240 V AC/DC
Fréquence assignée (f)	Measuring Circuit 15 ... 400 Hz
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 6 kV Output Circuit 1 / Output Circuit 2 4 kV Supply Circuit / Measuring Circuit 6 kV Supply Circuit / Output Circuit 6 kV
Tension assignée d'isolement (U_i)	Measuring Circuit / Output Circuit 600 V Output Circuit 1 / Output Circuit 2 300 V Supply Circuit / Measuring Circuit 600 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 6 A Output Circuit NO - F Type Fuses 10 A
System Leakage Capacitance (C_E)	20 μF
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
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 61326-2-4 IEC/EN 61557-1 IEC/EN 61557-8 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-30302-A1-UL
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CCC Certificate	CCC_2010010303438770
CQC Certificate	CQC2010010303438770
Certificat ecULus	cULus508_20120727-E140448
Declaration of Conformity - CCC	2020980303000184
Déclaration de Conformité - CE	1SVD981011-00
Declaration of Conformity - UKCA	1SVD981011-10
DNV GL Certificate	DNV_GL_TAA000017C
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	52.5 mm
Emballage Niveau 1 Hauteur	109 mm
Emballage Niveau 1 Poids	0.27 kg
Emballage Niveau 1 EAN	4016779852623

Classifications

Code de classification d'objet	B
ETIM 7	EC001444 - Insulation and earth fault monitoring relay
ETIM 8	EC001444 - Insulation and earth fault monitoring relay
ETIM 9	EC001444 - Insulation and earth fault monitoring relay
eClass	V11.0 : 27371807
UNSPSC	39122331
E-Number (Finland)	2712256
E-Number (Sweden)	3860657

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Contrôle de l'isolement

