



PRODUCT-DETAILS

CM-IVN.S

CM-IVN.S Coupling unit voltage range expansion for CM-IWN.1



General Information	
Extended Product Type	CM-IVN.S
Product ID	1SVR750669R9400
EAN	4016779852630
Catalog Description	CM-IVN.S Coupling unit voltage range expansion for CM-IWN.1
Long Description	The CM-IVN.S serves to extend the measuring range of the insulation monitoring relay CM-IWN.x for monitoring the insulation resistance up to 690 V AC and 1000 V DC in accordance with IEC 61557-8.

Ordering	
EAN	4016779852630
Minimum Order Quantity	1 piece
Customs Tariff Number	85043121

Popular Downloads	
Data Sheet, Technical Information	2CDC112200D0201
Instructions and Manuals	1SVC750010M0001

Dimensions

Product Net Width	45 mm
Product Net Height	85.6 mm
Product Net Depth / Length	104.8 mm
Product Net Weight	0.179 kg

Technical

Function	Accessory - Coupling unit for voltage expansion of CM-IWN.1 Up to 690 V AC Up to 1000 V DC
Rated Frequency (f)	Measuring Circuit 15 ... 400 Hz
Terminal Type	Screw Terminals
Rated Impulse Withstand Voltage (U _{imp})	Input Circuit / PE 8 kV
Rated Insulation Voltage (U _i)	Input Circuit / PE 1000 V
Degree of Protection	Housing IP50 Terminals IP20
Overvoltage Category	III
Pollution Degree	3
Connecting Capacity	Flexible with Ferrule 1x 0.5 ... 2.5 mm² Flexible with Ferrule 2x 0.5 ... 1.5 mm² Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm² Flexible 1x 0.5 ... 2.5 mm² Flexible 2x 0.5 ... 1.5 mm² Rigid 1x 0.5 ... 4 mm² Rigid 2x 0.5 ... 2.5 mm²
Tightening Torque	0.6 ... 0.8 N·m
Wire Stripping Length	8 mm
Recommended Screw Driver	0.8 x 4
Mounting Position	1 ... 6
Mounting on DIN Rail	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
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

Technical UL/CSA

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

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SVD981001-4501
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
SCIP	f62e7937-6dca-4f98-860f-3f06cc360129 Germany (DE)
Simplified SCIP	f3269c7a-d8f2-4432-b5f7-f36b879d9097 Germany (DE) 5d3c3e58-ac44-4387-918a-5d7bc96e1cca Belgium (BE) 851cf05c-84a0-4855-9546-0e656ae4395a Portugal (PT) 6fd1ffb7-ed66-4b87-9180-d208f4c4d79b Bulgaria (BG) 2e526db7-5156-486c-9707-fdd843a63e8c Croatia (HR) ca2ad8f5-e727-4c79-b58e-45c3d383e013 Estonia (EE) a39c64f7-5ba4-488b-9da6-3f0535409c2b Netherlands (NL) 83c690dc-8fa6-4e8b-b036-b81a7cdfd3c4 Hungary (HU) 14efe67d-0174-4883-88fa-1ed9734fc463 Greece (GR) dfb1cd65-c87e-45e6-93a3-7d5cf9daf2a6 Spain (ES) a6146457-c276-41a8-af37-f1ae26feb6c8 Hungary (HU) 4fff6453-2464-45ff-befe-e7ee72b5adef Belgium (BE) 0f8db6e8-cfb4-47c1-9e48-46b503ecd7ab France (FR) 06638797-aba5-441b-89fb-133ecc2b6997 France (FR) a2a6d230-37d7-4e9e-a1aa-a5a97285a8e4 Germany (DE) 251780c1-2325-4aae-a525-7383097c4078 Sweden (SE) 04c99ee7-3e91-4ddb-b532-491b004f2dfb Sweden (SE) 30c396a4-e48e-4d81-b897-e687b8d97b85 Poland (PL) 38ca4d92-27d6-46e2-ac6c-9d86371fa6d5 Poland (PL) b78f9b6a-a325-4601-b9c6-839590bd267f Italy (IT) 1d2af833-e629-412b-835d-fb597871a88a Denmark (DK) 00807f1e-ddbb-4bf5-a86a-8c8f78222ed4 Czech Republic (CZ) 88cc0d47-5679-411e-8254-c6d97715be1a Germany (DE) 31ee7fde-8a62-488b-949a-46547e0a9319 Germany (DE) 403ddb08-171f-4d09-bc40-f732ca04a977 Norway (NO) 17e7d567-1221-4bed-9a49-681ea6d0d673 Poland (PL) da2b6944-fe5e-4af9-9c44-34eaf75db021 Finland (FI)
Toxic Substances Control Act - TSCA	2CMT2023-006536

Certificates and Declarations

CB Certificate	CB_DK-30302-A1-UL
CCC Certificate	CCC_2010010303438770
CQC Certificate	CQC2010010303438770
cULus Certificate	cULus508_20120727-E140448
Declaration of Conformity - CCC	2020980303000184
Declaration of Conformity - CE	1SVD981011-00
Declaration of Conformity - UKCA	1SVD981011-10
DNV GL Certificate	DNV_GL_TAA000017C

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	97 mm
Package Level 1 Depth / Length	52.5 mm
Package Level 1 Height	109 mm
Package Level 1 Gross Weight	0.203 kg
Package Level 1 EAN	4016779852630

External Classifications and Standards	
Object Classification Code	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)	2712258
E-Number (Norway)	4187803
E-Number (Sweden)	3860658

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Insulation Monitors

