PRODUCT-DETAILS

OTDCP16S12M

OTDCP16S12M Enclosed solar switch



General Information

Extended Product Type	OTDCP16S12M
Product ID	1SCA125153R1001
EAN	6417019554105
Catalog Description	OTDCP16S12M Enclosed solar switch
Long Description	The enclosure in the OTDCP series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries are threaded and have knock out holes for 2 parallell cables, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked, and the interlock can be defeated with a special tool. Typical applications is solar panels, DC batteries, etc.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC301240D0201
RoHS Information	1SCC301239D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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SCIP	6dbcc6a7-7c43-4803-aac9-1b9d56d716da Finland (FI)
Simplified SCIP	a819c8c2-f3b7-45da-a468-1f984f62478b Germany (DE) 106d97ef-40f5-48f9-b759-4456553a19b4 Bulgaria (BG) 11e8bc01-ab3d-414d-8923-1dbba1afba7e Sweden (SE) a2440890-1a1d-4207-8678-7363217d0716 Germany (DE) ecf414ab-07de-4f7a-82f7-2840eefe6834 Sweden (SE) f562b232-6006-4766-bb6a-e6b68fe97942 France (FR) 4f17cd94-fe32-490e-a112-b79f5c9d915e Greece (GR) 589ccdbd-9aec-4c1c-bbea-064f6f783c5c Poland (PL) 537681ce-30db-4e80-9cac-fcfa7d66baf9 Belgium (BE) a5db6a35-6e9b-4877-864c-2e101e6ab476 Italy (IT) f9f82fe3-0290-4a46-95a7-e38d53238e74 Germany (DE) cbd12426-ef4c-4520-82a7-8e6975538711 France (FR) 629e421e-5fe6-4da4-9729-793beef606d8 Spain (ES) c51abc95-da01-4018-b9d2-7bdb516ae602 Estonia (EE) 03afcbbb-4895-4a20-8d82-382adbce7985 Portugal (PT) 035daf1f-5f35-415b-8124-5a6254c4dccf Poland (PL) d76fab0f-ea17-4ca5-a373-badbefe2e31b Norway (NO) a44ecae6-5ef4-4fe1-b141-9dab6f4fbc82 Belgium (BE) cbb00cd0-27b5-450e-bf15-2c62aafb4768 Hungary (HU) 53549092-4cf4-4af1-bd5d-c4f0735e620b Hungary (HU) 867226ac-2158-4725-a552-2af37cb3eef5 Poland (PL) 190bf5b6-38a6-49c8-8a7d-55b2bbeea12e Germany (DE) 90984db9-4148-4464-9e83-a34c15368c2d Denmark (DK) 205f99bf-3bdb-4586-bbe9-de4b81b2eb40 Germany (DE) 918de6a4-dc1d-4a24-b933-3e56480d75ee Czech Republic (CZ) 0019e5ce-7e40-4447-b06c-2b1d9419e739 Croatia (HR) 743efcfd-e1fe-4d5b-9f4f-8999e3de28bf Netherlands (NL)
Toxic Substances Control Act - TSCA	1SCC301321D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340027M0002
Mechanical Drawings	OTDCK159595SM20.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Dimensions

Product Net Width	95 mm
Product Net Height	150 mm
Product Net Depth / Length	95 mm
Product Net Weight	0.59 kg

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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	142 mm
Package Level 1 Depth / Length	167 mm
Package Level 1 Height	108 mm
Package Level 1 Gross Weight	0.7 kg
Package Level 1 EAN	6417019554105

Technical

Rated Operational Current DC-21B (I_e)	(1000 V) 16 A
Conventional Thermal Current (I_{the})	Fully Enclosed 16 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 0.71 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 0.15 W
Pollution Degree	3
Handle Color	Black
Handle Type	Selector handle
Standards	IEC 60947-1, -3
Special Functions	Solar
Mounting Type	Base mounting
Number of Poles	3
Connecting Capacity Main Circuit	Screw Clamp 2.5…16 mm^2
Wire Stripping Length	Main Circuit 10 … 11 mm
Recommended Screw Driver	Main Circuit Torx
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM20 / 2xM20
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Mounted Auxiliary Contacts	0 NO, 0 NC
Tightening Torque	Main Circuit 1.2 … 1.4 N·m

Technical UL/CSA

Wire Stripping Length	Main Circuit 10 … 11 mm
Recommended Screw Driver	Main Circuit Torx
Tightening Torque	Main Circuit 1.2 … 1.4 N·m

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Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601733
E-Number (Norway)	1414585
E-Number (Sweden)	3134008

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Switch-Disconnectors → Enclosed Switch-Disconnectors





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