PRODUCT-DETAILS

OTDCP32S12M

OTDCP32S12M Enclosed solar switch



General Information

Extended Product Type	OTDCP32S12M
Product ID	1SCA125155R1001
EAN	6417019554129
Catalog Description	OTDCP32S12M 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	96644f3e-b788-4cd6-bf0c-659f6dc30dee Finland (FI)
Simplified SCIP	23bac468-3c56-4b2e-9f67-9c447ec93ad8 Germany (DE) 27df462f-a49a-4c8b-8385-d9a7b7905dfb Sweden (SE) ef769c4e-f3dc-4a37-a94d-5352b654f943 Bulgaria (BG) 4f0972c5-603e-4f01-8c56-6a66bfc78d2c Portugal (PT) ac697bb0-35a7-4376-b1cb-91a6cd117c2b Sweden (SE) 685f2ff1-b998-4816-aad9-f91455c74866 France (FR) b4cac887-f9c4-4033-8031-ad1b79841f57 Germany (DE) e06437d3-04a1-486e-9754-f0dc37b13fb1 Greece (GR) 6363209c-89ea-4ac5-bfba-fc5c15cfd05e Italy (IT) a90f0861-5451-48fc-814d-45e2eb93a048 Poland (PL) 0a8172e9-1d7b-46bc-9bf5-a90e33cce5bf Poland (PL) bf932f5a-bb2b-42ee-ba06-117957832a89 Belgium (BE) 8f9e38c3-3788-41e3-aed3-3128c916a963 Germany (DE) 619035a4-8a2e-4c34-9150-2b2c3660c92d France (FR) 022bf62d-46c4-4838-8cdb-931979bea312 Estonia (EE) c855f7e3-7820-45d6-8ca8-34afe0600f79 Spain (ES) 946bc257-fa91-4dcf-89dd-19b03a521690 Netherlands (NL) 1f7e0980-73c1-44c1-ab87-4cf0953e22e2 Hungary (HU) ba2f8a9e-f4f4-44cf-89a2-7c6850603dae Norway (NO) 7a00dcda-d67e-41dc-9849-48c990bacb59 Poland (PL) e478d20b-fec9-426c-91ff-6aabea1c301c Germany (DE) e7ab4899-61b2-45d1-a215-3353d29d6a37 Denmark (DK) f349defa-41d7-4e9e-ae58-52db063eebe6 Germany (DE) 0b1b6ef3-62b9-455f-8f3a-819ac9a75e77 Czech Republic (CZ) 5700148f-d349-41e6-934c-61b336488b9c Croatia (HR) 56f96d5a-7811-4a3e-9e7b-ef806f0015a1 Belgium (BE) 015ef3a4-d584-44ac-b0d7-8940f46ef357 Hungary (HU)
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	6417019554129

Technical

Rated Operational Current DC-21B (I_e)	(1000 V) 32 A
Conventional Thermal Current (I_{the})	Fully Enclosed 32 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 0.5 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 28 … 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 28 … 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)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5293 >> Switch disconnector
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601735
E-Number (Norway)	1414587
E-Number (Sweden)	3134011

Categories

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



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