PRODUCT-DETAILS

OTDCP25S12M

OTDCP25S12M Enclosed solar switch



General Information

Extended Product Type	OTDCP25S12M
Product ID	1SCA125154R1001
EAN	6417019554112
Catalog Description	OTDCP25S12M 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	666bb568-fdd2-4673-afae-aa0be848f243 Finland (FI)
Simplified SCIP	dc104efc-33a4-417f-9b92-9ebdd2fdd09e Germany (DE) d8cc68b8-7542-4b03-a4ab-0c65268ca48a Spain (ES) 7eaeb0c1-29f7-436a-b336-45e098793c6b France (FR) fb9b7d07-d4c5-474f-8867-be66624900b6 Croatia (HR) 2a181153-e543-4d20-803f-1ff88597dd9c Germany (DE) b1756006-d49f-4068-87c6-21cc77d54b1c Czech Republic (CZ) 5a935a34-e0d4-42cd-bf27-00061d886f4e Denmark (DK) b6560db9-e971-4375-8bd9-319ec90a63a3 Italy (IT) be2549ea-d24f-44ef-92df-834610ea7081 France (FR) a968b35b-99d6-425a-ab4a-00a1a9249383 Germany (DE) d3a9b629-c5df-4a36-b74a-5b72ca8b2c1b Sweden (SE) e45cd5e9-cfe2-4068-9704-493f654d24e4 Germany (DE) 66e6feb4-a35d-4518-b27f-31c002c71003 Estonia (EE) 2ca0d96d-625e-4e7b-b4d8-a8f6a6b07f86 Hungary (HU) c2c0a2cb-1121-4aba-b5b5-3c2df48e54ec Netherlands (NL) 6594cd5e-2cfa-4543-92b3-c7856a787a6f Poland (PL) d4cf558e-60fc-45d8-8cf9-0f0ab734993d Poland (PL) 6ccf1cec-f476-472d-b67b-640026604c4f Norway (NO) d8d542dc-8128-465d-ba6e-159b8efecef7 Hungary (HU) 73596b00-5a8a-4526-ae42-4c540b0f90d0 Belgium (BE) ac3c337c-c769-4d8c-8507-f82e97bb64c2 Poland (PL) 6938f48b-4317-4c8e-ae95-790f1bd9756c Germany (DE) 04dcb333-3c14-4774-8bc8-03b647d558a6 Belgium (BE) 1918f3ec-9c9b-4c19-85f5-8c803898a0cb Portugal (PT) 5843c12f-d26c-4462-8bf4-b596b85502ce Greece (GR) ef206ca9-5b64-4228-82fd-85522ceb9d5b Bulgaria (BG) 06504244-5de4-4e9c-b167-9b97892c15c7 Sweden (SE)
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	0.64 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	130 mm
Package Level 1 Gross Weight	0.7 kg
Package Level 1 EAN	6417019554112

Technical

Rated Operational Current DC-21B (I_e)	(1000 V) 25 A
Conventional Thermal Current (I_{the})	Fully Enclosed 25 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 0.3 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 19 … 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 19 … 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)	3601734
E-Number (Norway)	1414586
E-Number (Sweden)	3134009

Categories

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



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