



PRODUCT-DETAILS

OTDCP16SA11M

OTDCP16SA11M Enclosed solar switch



General Information	
Extended Product Type	OTDCP16SA11M
Product ID	1SCA125126R1001
EAN	6417019553825
Catalog Description	OTDCP16SA11M 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

Toxic Substances Control Act - TSCA	1SCC301321D0201
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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	0.55 kg

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	0.6 kg
Package Level 1 EAN	6417019553825

Technical

Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM20 / 2xM20
Connecting Capacity Main Circuit	Screw Clamp 2.5...16 mm²
Conventional Thermal Current (I _{the})	Fully Enclosed 16 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Red / Yellow
Handle Type	Selector handle

Mounted Auxiliary Contacts	0 NO, 0 NC
Mounting Type	Base mounting
Number of Poles	2P
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 0.15 W
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current DC-21B (I_e)	(600 V) 16 A (1000 V) 10 A
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
Recommended Screw Driver	Main Circuit Torx
Special Functions	Solar
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 1.2 ... 1.4 N·m
Wire Stripping Length	Main Circuit 13 ... 11 mm

Technical UL/CSA

Wire Stripping Length	Main Circuit 13 ... 11 mm
Recommended Screw Driver	Main Circuit Torx
Tightening Torque	Main Circuit 1.2 ... 1.4 N·m

Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704

External Classifications and Standards

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5293 >> Switch disconnecter
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601741
E-Number (Norway)	1414576

Categories

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

