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PRODUCT-DETAILS

# OTDCP32SA22M

## OTDCP32SA22M Enclosed solar switch




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### General Information

Extended Product Type	OTDCP32SA22M
Product ID	1SCA125090R1001
EAN	6417019553467
Catalog Description	OTDCP32SA22M 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 parallel 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.

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### Ordering

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

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### Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340027M0002

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## Dimensions

Product Net Width	95 mm
Product Net Height	150 mm
Product Net Depth / Length	95 mm
Product Net Weight	0.63 kg

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## 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 ( $I_{cw}$ )	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 0.5 W
Pollution Degree	3
Handle Color	Red / Yellow
Handle Type	Selector handle
Standards	IEC 60947-1, -3
Special Functions	Solar
Number of Poles	4
Connecting Capacity Main Circuit	Screw Clamp 2.5...16 mm <sup>2</sup>
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

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## Environmental

RoHS Status	Following EU Directive 2011/65/EU
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## Certificates and Declarations (Document Number)

BV Certificate	1SCC340018D0204
Declaration of Conformity	1SCC340003D2704

- CE

Instructions and Manuals	1SCC340027M0002
RoHS Information	1SCC340051D0202

## 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	6417019553467

## Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601755
E-Number (Norway)	1414590

## Categories

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

