PRODUCT-DETAILS

OTDCP16S22MD

OTDCP16S22MD Enclosed solar switch



General Information

Extended Product Type	OTDCP16S22MD
Product ID	1SCA131730R1001
EAN	6417019609904
Catalog Description	OTDCP16S22MD 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.

Ordering

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

Popular Downloads

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

Mechanical Drawings	OTDCK159595SM20.stp

Dimensions

Product Net Width	108 mm
Product Net Height	167 mm
Product Net Depth / Length	142 mm
Product Net Weight	0.63 kg

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
Number of Poles	4
Connecting Capacity Main Circuit	Screw Clamp 2.5…16 mm²
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM20 / 2xM20
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Type	OTD
Enclosure Material	Plastic
Mounted Auxiliary Contacts	0 NO, 0 NC
Tightening Torque	1.4 N·m
Mechanical Durability	4000 cycle

Environmental

RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
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	0.63 kg
Package Level 1 EAN	6417019609904

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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



