

1SCC301081M0206

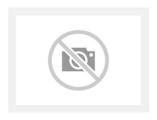
1SCC301036K0201 1SCC301037K0201

PRODUCT-DETAILS

Instructions and Manuals

Wiring Diagram

## OTDC200UV22K OTDC200UV22K PV Disconnect Switch



General Information	
Extended Product Type	OTDC200UV22K
Product ID	1SCA149079R1001
EAN	6417019786858
Catalog Description	OTDC200UV22K PV Disconnect Switch
Long Description	OTDC200UV22K PV Disconnect Switch, Direct mounted handle, Base mounting, IEC&UL 200 A 1000V and 200 A 1500V
Minimum Order Quantity	1 piece
Ordering	
Customs Tariff Number	85353010
Last Ordering Date	2021-11-30 All Countries
Country of Origin	Finland (FI)
Popular Downloads	
Data Sheet, Technical	1SCC301022C0201

OTDC200UV22K 2

Dimensions	
Product Frame Size	S
Product Net Width	185 mm
Product Net Height	7.3 in 210 mm
Troduct Net Height	8.3 in
Product Net Depth / Length	110 mm 4.3 in
Product Net Weight	2.5 kg 5.6 lb
Technical	
Connection Configuration	Single Circuit 6a, 6b
Rated Operational Current DC-21B ( $I_{\rm e}$ )	(1500 V) 250 A
Conventional Free-air Thermal Current (I <sub>th</sub> )	250 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 250 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
Rated Insulation Voltage (U <sub>i</sub> )	1500 V
Rated Operational Voltage	1500 V
Rated Short-Circuit Making Capacity (I <sub>cm</sub> )	(1500 V DC) 10 kA
Rated Short-time Withstand Current (I <sub>cw</sub> )	(1000 V DC) 10 kA for 1 s 5 kA for 0.1 s 10 kA
Protection Type	Circuit breaker
Power Loss	at Rated Operating Conditions per Pole 9.5 W
Pollution Degree	3
Handle Color	Black
Handle Length	65 mm 2.6 in
Handle Type	Direct mounted handle
Shaft Diameter	6 mm
Shaft Length	0.24 in 105 mm
Switches Operating	4.1 in Mechanism Between the Poles
Mechanism  Position of Line Terminals	22 (Between the Poles)  Top In - Bottom Out
Operating Mode	Bottom In - Top Out Front Operated
Standards	 UL98B and IEC 60947-1, -3
Special Functions	1500 V pre-connected
Mounting Type	Base mounting
Number of Circuits	1
Number of Poles	4
Degree of Protection	Front IP20
Terminal Type	Lug terminals
Terminal Width	19.5 mm 0.77 in
Tightening Torque	Cable Lug 1522 N·m
Utilization	Photovoltaic

Switching of resistive loads, including moderate overloads - occasional

Utilization Category

ETIM 6

ETIM 7

UNSPSC

WEEE Category

actuation (DC-21B)

EC000216 - Switch disconnector

EC000216 - Switch disconnector

5. Small Equipment (No External Dimension More Than 50 cm)

39122233

Technical UL/CSA	
Maximum Operating Voltage UL/CSA	1500 V DC
Ampere Rating UL/CSA	1500VDC 200 A
Tightening Torque UL/CSA	Cable Lug 1012 N·n Cable Lug 133195 lbf·ir
Environmental	
RoHS Status	Following EU Directive 2011/65/EU
Certificates and Declarations (Document Number)  CCC Certificate	CQC2013010302611671
CSA Certificate	CSA Letter of Attestation OTDC100-200.pdf
Declaration of Conformity - CE	1SCC301201D2703
DNV GL Certificate	1SCC301231D0201
Instructions and Manuals	1SCC301081M0206
RoHS Information	1SCC301201D2703
<u>UL Certificate</u>	UL certificate OTDC100-200.pdf
Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Units Package Level 1 Width	220 mm
	220 mm 8.7 ir 260 mm
Package Level 1 Width  Package Level 1 Depth / Length	box 1 piece 220 mm 8.7 ir 260 mm 10.2 ir 155 mm 6.1 ir
Package Level 1 Width Package Level 1 Depth /	220 mm 8.7 ir 260 mm 10.2 ir 155 mm 6.1 ir 2.9 kg
Package Level 1 Width  Package Level 1 Depth / Length  Package Level 1 Height  Package Level 1 Gross	220 mm 8.7 ir 260 mm 10.2 ir 155 mm
Package Level 1 Width  Package Level 1 Depth / Length  Package Level 1 Height  Package Level 1 Gross  Weight	220 mm 8.7 ir 260 mm 10.2 ir 155 mm 6.1 ir 2.9 kg 6.4 lk
Package Level 1 Width  Package Level 1 Depth / Length  Package Level 1 Height  Package Level 1 Gross Weight  Package Level 1 EAN	220 mm 8.7 ir 260 mm 10.2 ir 155 mm 6.1 ir 2.9 kg 6.4 lk

OTDC200UV22K 4

## Categories

Low Voltage Products and Systems  $\rightarrow$  Industries  $\rightarrow$  Solar power  $\rightarrow$  1500V DC Low Voltage Products and Systems  $\rightarrow$  Switches  $\rightarrow$  DC Switch-Disconnectors

