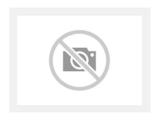


PRODUCT-DETAILS

OTDC245US02 PV Disconnect Switch



Extended Product Type	OTDC245US02
Product ID	1SCA149106R1001
EAN	6417019786186
Catalog Description	OTDC245US02 PV Disconnect Switch
Lang Description	OTDC245US02 PV Disconnect Switch, Handle and shaft not included, Base mounting,
Long Description	IEC&UL 250 A 1000V
Ordering	IEC&UL 250 A 1000V
	IEC&UL 250 A 1000V
Ordering	1 piece
Ordering Minimum Order Quantity	

Popular Downloads	
Data Sheet, Technical Information	1SCC301022C0201
Instructions and Manuals	1SCC301081M0206
Mechanical Drawings	OTDC100_245US02.igs 1SCC307101F0201 1SCC307102F0201
Wiring Diagram	1SCC301024K0201

OTDC245US02 2

Dimensions	
Product Frame Size	
Product Net Width	110 mm 4.3 in
Product Net Height	190 mm
Product Net Depth /	7.5 in 85 mm
Length Product Not Weight	3.3 in 1.4 kg
Product Net Weight	3 lb
Technical	
Connection Configuration	Single circuit 1a
Rated Operational Current DC-21B (I _e)	(1000 V) 250 A
Conventional Free-air Thermal Current (I _{th})	250 A
Conventional Thermal Current (I _{the})	Fully Enclosed 250 A
Rated Impulse Withstand Voltage (U _{imp})	12 kV
Rated Insulation Voltage (U_i)	1500 V
Rated Operational Voltage	1000 V
Rated Short-Circuit Making Capacity (I _{cm})	(1000 V DC) 10 kA
Rated Short-time Withstand Current (I _{cw})	(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 Type	Handle and shaft not included
Shaft Diameter	6 mm 0.24 in
Switches Operating Mechanism	Mechanism at the End of the Switch 02 (Left Side)
Position of Line Terminals	Bottom In - Bottom Out
Operating Mode	Front Operated
Standards	UL98B and IEC 60947-1, -3
Special Functions	US single-wire break
Mounting Type	Base mounting
Number of Circuits	1
Number of Poles	2
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
Utilization Category	Switching of resistive loads, including moderate overloads - occasional

Maximum Operating Voltage UL/CSA	1000 V DC
Ampere Rating UL/CSA	1000VDC 250 A
Tightening Torque UL/CSA	Cable Lug 1012 N·m Cable Lug 133195 lbf·in

Environmental

RoHS Status	Following EU Directive 2011/65/EU
1 to 10 dtatae	: 0g 20 2000 20 100.20

Certificates and Declarations (Document Number)	
CCC Certificate	CQC2013010302611671
Declaration of Conformity - CE	1SCC301201D2703
DNV GL Certificate	1SCC301231D0201
Instructions and Manuals	1SCC301081M0206
RoHS Information	1SCC301201D2703

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	96 mm 3.8 in
Package Level 1 Depth / Length	160 mm 6.3 in
Package Level 1 Height	244 mm 9.6 in
Package Level 1 Gross Weight	1.5 kg 3.2 lb
Package Level 1 EAN	6417019786186

Classifications	
Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

OTDC245US02 4

