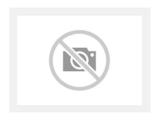


1SCC307583F0201

PRODUCT-DETAILS

OTDC100E22 OTDC100E22 DC Switch-disconnector



General Information	
Extended Product Type	OTDC100E22
Product ID	1SCA125824R1001
EAN	6417019558202
Catalog Description	OTDC100E22 DC Switch-disconnector
Long Description	OTDC100E22 DC Switch-disconnector, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, IEC 1000 VDC 100 A
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	
Last Ordering Date	2021-11-30 All Countries
Country of Origin	Finland (FI)
Popular Downloads	
Data Sheet, Technical Information	1SCC301022C0201
Instructions and Manuals	1SCC301081M0206
Mechanical Drawings	OTDC100_200E22.igs

Lug terminals

Terminal Type

	1SCC307584F0201
Wiring Diagram	1SCC301033K0201
Dimensions	
Product Frame Size	s
Product Net Width	185.4 mm
Product Net Height	7.3 ir
	10.3 ir
Product Net Depth / Length	90.5 mm 3.6 in
Product Net Weight	2.2 kg
	4.9 lb
Technical	
Connection Configuration	Double circuit 4a, 4c
Rated Operational Current DC-21B (I _e)	(1000 V) 100 A
Conventional Free-air Thermal Current (I _{th})	100 A
Conventional Thermal Current (I _{the})	Fully Enclosed 100 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	(1000 V DC) 10 kA
Withstand Current (I _{cw})	for 1 s 5 kA for 0.1 s 10 kA
Power Loss	at Rated Operating Conditions per Pole 2 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Shaft Diameter	6 mm 0.24 ir
Switches Operating Mechanism	Mechanism Between the Poles 22 (Between the Poles)
Position of Line Terminals	Top In - Bottom Ou Bottom In - Top Ou
Operating Mode	Front Operated
Standards	IEC 60947-1, -3
Special Functions	No
Mounting Type	Base mounting
Number of Circuits	2
Number of Poles	4
Degree of Protection	Front IP20

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
	actuation (DC-21B)

Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	NA

Certificates and Declarations (Document Number)

CCC Certificate	CQC2013010302611671
Declaration of Conformity - CE	1SCC301201D2703
DNV GL Certificate	1SCC301231D0201
Environmental Information	NA
Instructions and Manuals	1SCC301081M0206
RoHS Information	1SCC301201D2703

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	220 mm
	8.7 in
Package Level 1 Depth /	260 mm
Length	10.2 in
Package Level 1 Height	155 mm
	6.1 in
Package Level 1 Gross	2.6 kg
Weight	5.7 lb
Package Level 1 EAN	6417019558202

Classifications

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

Categories

OTDC100E22 4

Low Voltage Products and Systems \rightarrow Switches \rightarrow DC Switch-Disconnectors

