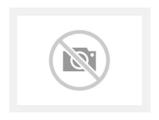


PRODUCT-DETAILS

OTDC160E02 OTDC160E02 DC Switch-disconnector



General Information	
Extended Product Type	OTDC160E02
Product ID	1SCA125840R1001
EAN	6417019558417
Catalog Description	OTDC160E02 DC Switch-disconnector
Long Description	OTDC160E02 DC Switch-disconnector, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, IEC 1000 VDC 160 A
Ordoring	
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
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_250E02.igs 1SCC307579F0201 1SCC307580F0201

OTDC160E02 2

Dimensions	
Product Frame Size	S
Product Net Width	113 mm 4.4 in
Product Net Height	262 mm 10.3 in
Product Net Depth / Length	90.5 mm 3.6 in
Product Net Weight	1.3 kg 2.8 lb

Technical	
Connection Configuration	Single circuit 2a, 2b
Rated Operational Current DC-21B (I _e)	(1000 V) 160 A
Conventional Free-air Thermal Current (I _{th})	160 A
Conventional Thermal Current (I _{the})	Fully Enclosed 160 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
Power Loss	at Rated Operating Conditions per Pole 4 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	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front Operated
Standards	IEC 60947-1, -3
Special Functions	No
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 actuation (DC-21B)

Environmental

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	210 mm 8.3 in
Package Level 1 Depth / Length	210 mm 8.3 in
Package Level 1 Height	150 mm 5.9 in
Package Level 1 Gross Weight	1.4 kg 3.2 lb
Package Level 1 EAN	6417019558417

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)
E-Number (Finland)	3601582

Categories

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

