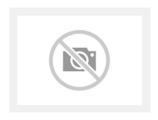


PRODUCT-DETAILS

OTDC160EV22 OTDC160EV22 DC Switch-disconnector



General Information	
Extended Product Type	OTDC160EV22
Product ID	1SCA149080R1001
EAN	6417019786865
Catalog Description	OTDC160EV22 DC Switch-disconnector
Long Description	OTDC160EV22 DC Switch-disconnector, Handle and shaft not included, Base mounting, IEC 160 A 1000V and 160 A 1500V
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85353010
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_200EV22.igs 1SCC307603F0201 1SCC307604F0201
Wiring Diagram	1SCC301036K0201 1SCC301037K0201

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Dimensions	
Product Frame Size	,
Product Net Width	185 mr 7.3 i
Product Net Height	210 mr 8.3 i
Product Net Depth / Length	87 mr 3.4 i
Product Net Weight	2.4 k _l 5.4 ll
Technical	
	Circle Circuit Co C
Connection Configuration Rated Operational Current DC-21B (I _e)	Single Circuit 6a, 6l (1500 V) 160 A
Conventional Free-air Thermal Current (I _{th})	160 /
Conventional Thermal Current (I _{the})	Fully Enclosed 160 A
Rated Impulse Withstand Voltage (U _{imp})	12 k\
Rated Insulation Voltage (U _i)	1500
Rated Operational Voltage	1500 \
Rated Short-Circuit Making Capacity (I _{cm})	(1500 V DC) 10 k/
Rated Short-time Withstand Current (I _{cw})	(1000 V DC) 10 k/ for 1 s 5 k/ for 0.1 s 10 k/
Power Loss	at Rated Operating Conditions per Pole 4 V
Pollution Degree	
Handle Type	Handle and shaft not include
Shaft Diameter	6 mn 0.24 i
Switches Operating Mechanism	Mechanism Between the Pole 22 (Between the Poles
Position of Line Terminals	Top In - Bottom Ou Bottom In - Top Ou
Operating Mode	Front Operate
Standards	IEC 60947-1, -
Special Functions	1500 V pre-connected
Mounting Type	Base mounting
Number of Circuits	
Number of Poles	
Degree of Protection	Front IP2
Terminal Type	Lug terminals
Terminal Width	19.5 mn 0.77 i
Tightening Torque	Cable Lug 1522 N·n
Utilization	Photovoltaid
Utilization Category	Switching of resistive loads, including moderate overloads - occasional actuation (DC-21B

RoHS Status	Following EU Directive 2011/65/EU
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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	220 mm 8.7 in
Package Level 1 Depth / Length	260 mm 10.2 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	2.8 kg 6.2 lb
Package Level 1 EAN	6417019786865

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

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

