

PRODUCT-DETAILS

## OTDC16FT3 OTDC16FT3 DC Switch-disconnector



General Information	
Extended Product Type	OTDC16FT3
Product ID	1SCA123840R1001
EAN	6417019545493
Catalog Description	OTDC16FT3 DC Switch-disconnector
Long Description	OTDC16FT3 DC Switch-disconnector, Terminal bolt kit included, Handle and shaft need to be ordered separately, Door mounting, IEC 1000 VDC 16 A single circuit
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Estonia (EE)
Popular Downloads	
Data Sheet, Technical Information	1SCC301022C0201
Instructions and Manuals	1SCC301079M0206
Mechanical Drawings	OTDC16-32FT3_palikkamalli.igs 1SCC307021F0003 1SCC307022F0003

OTDC16FT3 2

Product Frame Size	X
Product Net Width	52.5 mr 2.1 i
Product Net Height	69 m 2.7 i
Product Net Depth / Length	75.5 m 3 i
Product Net Weight	0.2 k 0.4 l
Tachaical	
Technical	
Rated Operational Current DC-21B (I <sub>e</sub> )	(1000 V) 16
Conventional Free-air Thermal Current (I <sub>th</sub> )	25.
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 25
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 K
Rated Insulation Voltage $(U_i)$	1000
Rated Operational Voltage	1000
Rated Short-Circuit Making Capacity (I <sub>cm</sub> )	(1000 V DC) 0.8 k
Rated Short-time Withstand Current (I <sub>cw</sub> )	(1000 V DC) 0.8 k for 1 s 0.8 k
Power Loss	at Rated Operating Conditions per Pole 0.15 \
Pollution Degree	
Handle Type	Handle and shaft not include
Shaft Diameter	6 m 0.24
Switches Operating Mechanism	Mechanism on Top of the Switch
Position of Line Terminals	Top In - Bottom Or Bottom In - Top Or
Operating Mode	Front Operate
Standards	IEC 60947-1,
Special Functions	N
Mounting Type	Door mounting
Number of Circuits	
Number of Poles	
Cable Cross-Section	2.5 16 mr
Degree of Protection	Front IP2
Terminal Type	Screw Termina
Tightening Torque	1.21.4 N·
Utilization	Photovolta
Utilization Category	Switching of resistive loads, including moderate overloads - occasiona actuation (DC-21E
Environmental	
Environmental	
RoHS Status	Following EU Directive 2011/65/E

Certificates and Declarations (Document Number)		
CCC Certificate	CQC2012010302579872	
Declaration of Conformity - CE	1SCC301192D2704	
DNV GL Certificate	1SCC301231D0201	
Environmental Information	NA	
Instructions and Manuals	1SCC301079M0206	
RoHS Information	1SCC301192D2704	

Container Information		
Package Level 1 Units	box 1 piece	
Package Level 1 Width	90 mm 3.5 in	
Package Level 1 Depth / Length	54 mm 2.1 in	
Package Level 1 Height	90 mm 3.5 in	
Package Level 1 Gross Weight	0.2 kg 0.5 lb	
Package Level 1 EAN	6417019545493	

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)	3601397	

## Categories

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

