



 PRODUCT-DETAILS

OTDC25F3

OTDC25F3 DC Switch-disconnector



General Information

Extended Product Type	OTDC25F3
Product ID	1SCA121458R1001
EAN	6417019526133
Catalog Description	OTDC25F3 DC Switch-disconnector
Long Description	OTDC25F3 DC Switch-disconnector, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, IEC 1000 VDC 25 A single circuit

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	NA
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
REACH Declaration	1SCC301240D0201
RoHS Information	1SCC301239D0201
Toxic Substances	1SCC301321D0201

Control Act - TSCA

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

Dimensions

Product Frame Size	XS
Product Net Width	52.5 mm 2.1 in
Product Net Height	89 mm 3.5 in
Product Net Depth / Length	77.6 mm 3.1 in
Product Net Weight	0.2 kg 0.4 lb

Technical

Rated Operational Current DC-21B (I_e)	(1000 V) 25 A
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ °C}$ 32 A
Conventional Thermal Current (I_{the})	Fully Enclosed 32 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V DC) 0.8 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	(1000 V DC) 0.8 kA for 1 s 0.8 kA
Power Loss	at Rated Operating Conditions per Pole 0.3 W
Pollution Degree	3
Handle Color	Black
Handle Type	Knob handle
Positive Opening Operation Torque (Direct Opening Action)	0.4 ... 0.8 N·m
Shaft Diameter	6 mm 0.24 in
Switches Operating	Mechanism on Top of the Switch

Mechanism	
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, DIN-rail mounting
Number of Circuits	1
Number of Poles	3
Cable Cross-Section	2.5 ... 16 mm ²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Utilization	Photovoltaic
Utilization Category	Switching of resistive loads, including moderate overloads - occasional actuation (DC-21B)

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	NA
Toxic Substances Control Act - TSCA	1SCC301321D0201

Certificates and Declarations

CCC Certificate	CQC2012010302579872
Declaration of Conformity - CE	1SCC301192D2704
Declaration of Conformity - UKCA	1SCC301313D0201
DNV GL Certificate	1SCC301231D0201
REACH Declaration	1SCC301240D0201

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	100 mm 3.9 in
Package Level 1 Depth / Length	64 mm 2.5 in
Package Level 1 Height	100 mm 3.9 in
Package Level 1 Gross Weight	0.2 kg 0.5 lb
Package Level 1 EAN	6417019526133

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601355
E-Number (Sweden)	3134020

Categories

Low Voltage Products and Systems → Switches → DC Switch-Disconnectors

