PRODUCT-DETAILS

OTDC32F4

OTDC32F4 DC Switch-disconnector



General Information

Extended Product Type	OTDC32F4
Product ID	1SCA121463R1001
EAN	6417019526188
Catalog Description	OTDC32F4 DC Switch-disconnector
Long Description	OTDC32F4 DC Switch-disconnector, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, IEC 660 VDC 32 A double circuit, IEC 1000 VDC 20 A double 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

© 2024 ABB. All rights reserved.

Toxic Substances Control Act - TSCA	1SCC301321D0201

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	OTDC16-32F4.igs 1SCC301974F0001 1SCC301975F0001

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	89 mm 3.5 in
Product Net Weight	0.2 kg 0.5 lb

Technical

Rated Operational Current DC-21B (I_e)	(660 V) 32 A (1000 V) 20 A
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 45 A
Conventional Thermal Current (I_{the})	Fully Enclosed 45 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 0.5 W
Pollution Degree	3
Handle Color	Black
Handle Type	Knob handle
Positive Opening Operation Torque (Direct	0.4 … 0.8 N·m

© 2024 ABB. All rights reserved.

Opening Action)	
Shaft Diameter	6 mm 0.24 in
Switches Operating Mechanism	Mechanism on Top of the Switch
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	2
Number of Poles	4
Cable Cross-Section	2.5 ... 16 mm²
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	0.3 kg 0.6 lb
Package Level 1 EAN	6417019526188

Classifications

Object Classification Code	Q

© 2024 ABB. All rights reserved.

ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601359
E-Number (Sweden)	3134024

Categories

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



© 2024 ABB. All rights reserved.