PRODUCT-DETAILS

OTDC16F2

OTDC16F2 DC Switch-disconnector



General Information

Extended Product Type	OTDC16F2
Product ID	1SCA121454R1001
EAN	6417019525990
Catalog Description	OTDC16F2 DC Switch-disconnector
Long Description	OTDC16F2 DC Switch-disconnector, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, IEC 660 VDC 16 A single circuit, IEC 1000 VDC 10 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	OTDC16-32F2.igs 1SCC301970F0001

1SCC301971F0001

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	66.2 mm 2.6 in
Product Net Weight	0.14 kg 0.31 lb

Technical

Rated Operational Current DC-21B (I_e)	(660 V) 16 A (1000 V) 10 A
Conventional Free-air Thermal Current (I_{th})	q = 40 °C 25 A
Conventional Thermal Current (I_{the})	Fully Enclosed 25 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 (I_{cw})	(1000 V DC) 0.8 kA for 1 s 0.8 kA
Power Loss	at Rated Operating Conditions per Pole 0.15 W
Pollution Degree	3
Handle Color	Black
Handle Type	Knob handle
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	1
Number of Poles	2
Cable Cross-Section	2.5 ... 16 mm²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	1.2 … 1.4 N·m

Utilization	Photovoltaic
Utilization Category	Switching of resistive loads, including moderate overloads - occasional actuation (DC-21B)

Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	NA

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	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	0.15 kg 0.33 lb
Package Level 1 EAN	6417019525990

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601351
E-Number (Sweden)	3134016

Categories

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

