

INDUSTRIAL COMPONENT DATA

OTDC100USV22 1SCA149095R1001 ABB OTDC100USV22 PV Disconnect Switch

Brand: ABB | Manufacturer Part Number: OTDC100USV22



Manufacturer	ABB
MPN / Reference	OTDC100USV22
Catalog number	1SCA149095R1001
Category	Switch disconnecter
Minimum order	1 Pcs
Document ID	EO-F2C8169216
Generated	2026-07-31

Product Overview

OTDC100USV22 PV Disconnect Switch

DC OTDC100USV22 disconnect switch

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path ABB > Manual Switches

Additional Product Information

OTDC100USV22 PV Disconnect Switch, Handle and shaft not included, Base mounting, IEC&UL 100 A 1000V and 100 A 1500V

Ordering

Minimum Order Quantity:1 piece

Customs Tariff Number:85365080

Popular Downloads

Data Sheet, Technical Information:1SCC301021C0201

Dimensions

Product Net Width:185.4mm

Product Net Height:210mm

Product Net Depth:90.5mm

Product Net Weight:2,35kg

Technical

Rated Operational Current DC-21B (Ie):(1000 V) 100 A

(1500 V) 100 A

Conventional Thermal Current (I_{the}): Fully Enclosed 100 A

Rated Impulse Withstand Voltage (U_{imp}): 12 kV

Rated Insulation Voltage (U_i): 1500 V

Rated Operational Voltage: 1500 V

Power Loss: at Rated Operating Conditions per Pole 2 W

Pollution Degree: 3

Handle Type: Handle and shaft not included

Switches Operating Mechanism: 22 (Between the Poles)

Operating Mode: Front operated

Standards: IEC&UL

Special Functions: 1500 V pre-connected, US single-wire break

Mounting Type: Base mounting

Number of Circuits: 1

Number of Poles: 4

Terminal Type: Lug terminals

Technical UL/CSA

Ampere Rating UL/CSA: 100 A

Certificates and Declarations (Document Number)

Declaration of Conformity - CE: 1SCC301201D2703

Instructions and Manuals: 1SCA144401R1001

Container Information

Package Level 1 Units: 1 piece

Package Level 1 Width: 240 mm

Package Level 1 Length: 270 mm

Package Level 1 Height: 120 mm

Package Level 1 Gross Weight: 2.65 kg

Package Level 1 EAN: 6417019787015

Classifications

Object Classification Code: Q

ETIM 5: EC000216 - Switch disconnecter

ETIM 6: EC000216 - Switch disconnecter

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / OTDC100USV22 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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