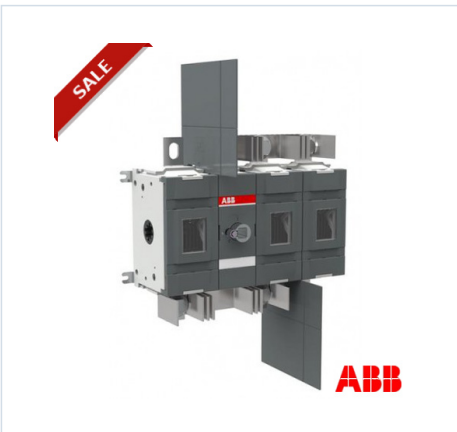


INDUSTRIAL COMPONENT DATA

OTDC250USV12 1SCA140833R1001 ABB OTDC250USV12 PV Disconnect Switch

Brand: ABB | Manufacturer Part Number: OTDC250USV12



Manufacturer	ABB
MPN / Reference	OTDC250USV12
Catalog number	1SCA140833R1001
Category	Switch disconnecter
Minimum order	1 Pcs
Document ID	EO-76E9C5097F
Generated	2026-08-01

Product Overview

OTDC250USV12 PV Disconnect Switch
DC disconnect switch OTDC250USV12

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
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Additional Product Information

OTDC250USV12 PV Disconnect Switch, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, US single-wire break, UL 1000 VDC 250 A, UL 1500 VDC 250 A, IEC 1000 VDC 315 A

Ordering

Minimum Order Quantity:1 piece

Customs Tariff Number:85365080

Popular Downloads

Data Sheet, Technical Information:1SCC301021C0201

Dimensions

Product Net Depth:105mm

Product Net Weight:5,6kg

Technical

Rated Operational Current DC-21B (Ie):(1000 V) 315 A

Conventional Free-air Thermal Current (Ith):q = 40 °C 315 A

Conventional Thermal Current (Ithe):Fully Enclosed 315 A

Rated Impulse Withstand Voltage (Uimp):12 kV
Rated Insulation Voltage (Ui):1500 V
Rated Operational Voltage:1500 V
Rated Short-time Withstand Current (Icw):for 1 s 10 kiloampere rms
Pollution Degree:3
Handle Type:Handle and shaft not included
Switches Operating Mechanism:Mechanism Between the Poles
12 (Between the Poles)
Operating Mode:Front Operated
Standards:IEC&UL
Special Functions:US single-wire break
Mounting Type:Base mounting
Number of Circuits:1
Number of Poles:3
Terminal Type:Lug terminals
Technical UL/CSA
Ampere Rating UL/CSA:1000 VDC 250 A
1500 VDC 250 A
Container Information
Package Level 1 Gross Weight:6.1 kg
Package Level 1 EAN:6417019686103
Classifications
ETIM 5:EC000216 - Switch disconnecter
ETIM 6:EC000216 - Switch disconnecter

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / OTDC250USV12 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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