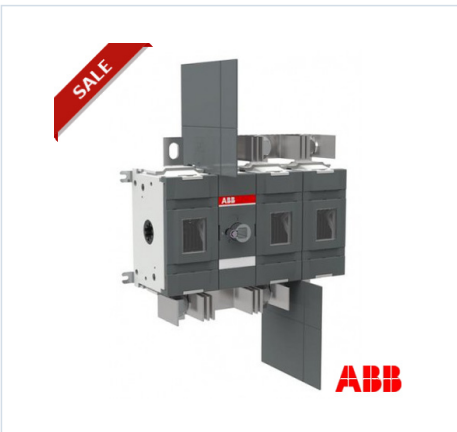


INDUSTRIAL COMPONENT DATA

OTDC320USV12 1SCA140835R1001 ABB OTDC320USV12 PV Disconnect Switch

Brand: ABB | Manufacturer Part Number: OTDC320USV12



Manufacturer	ABB
MPN / Reference	OTDC320USV12
Catalog number	1SCA140835R1001
Category	Switch disconnecter
Minimum order	1 Pcs
Document ID	EO-C2500DDA10
Generated	2026-07-31

Product Overview

OTDC320USV12 PV Disconnect Switch
DC disconnect switch OTDC320USV12

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

OTDC320USV12 PV Disconnect Switch, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, US single-wire break, UL 1000 VDC 320 A, UL 1500 VDC 320 A, IEC 1000 VDC 400 A

Ordering

Minimum Order Quantity:1 piece

Customs Tariff Number:85365080

Popular Downloads

Data Sheet, Technical Information:1SCC301021C0201

Dimensions

Product Net Width:266mm

Product Net Height:227mm

Product Net Depth:105mm

Product Net Weight:5,6kg

Technical

Rated Operational Current DC-21B (Ie):(1000 V) 400 A

Conventional Free-air Thermal Current (I_{th}): q = 40 °C 400 A
Conventional Thermal Current (I_{the}): Fully Enclosed 400 A
Rated Impulse Withstand Voltage (U_{imp}): 12 kV
Rated Insulation Voltage (U_i): 1500 V
Rated Operational Voltage: 1500 V
Rated Short-time Withstand Current (I_{cw}): 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 320 A
1500 VDC 320 A
Container Information
Package Level 1 Gross Weight: 6.1 kg
Package Level 1 EAN: 6417019686127
Classifications
ETIM 5: EC000216 - Switch disconnecter
ETIM 6: EC000216 - Switch disconnecter

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / OTDC320USV12 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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