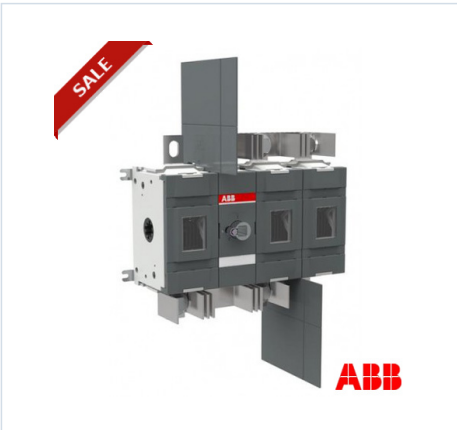


INDUSTRIAL COMPONENT DATA

OTDC400USV12 1SCA140834R1001 ABB OTDC400USV12 PV Disconnect Switch

Brand: ABB | Manufacturer Part Number: OTDC400USV12



Manufacturer	ABB
MPN / Reference	OTDC400USV12
Catalog number	1SCA140834R1001
Category	Switch disconnector
Minimum order	1 Pcs
Document ID	EO-6838B0B9F6
Generated	2026-08-01

Product Overview

OTDC400USV12 PV Disconnect Switch

DC OTDC400USV12 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

OTDC400USV12 PV Disconnect Switch, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, US single-wire break, UL 1000 VDC 400 A, UL 1500 VDC 400 A, IEC 1000 VDC 500 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) 500 A

Conventional Free-air Thermal Current (I_{th}): q = 40 °C 630 A
Conventional Thermal Current (I_{the}): Fully Enclosed 550 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 400 A
1500 VDC 400 A
Container Information
Package Level 1 Gross Weight: 6.1 kg
Package Level 1 EAN: 6417019686110
Classifications
ETIM 5: EC000216 - Switch disconnecter
ETIM 6: EC000216 - Switch disconnecter

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / OTDC400USV12 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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