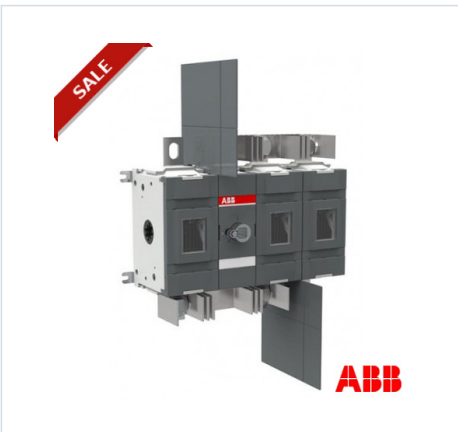


## INDUSTRIAL COMPONENT DATA

# 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       | 2026-08-04          |

## 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<sub>th</sub>): q = 40 °C 630 A  
Conventional Thermal Current (I<sub>the</sub>): Fully Enclosed 550 A  
Rated Impulse Withstand Voltage (U<sub>imp</sub>): 12 kV  
Rated Insulation Voltage (U<sub>i</sub>): 1500 V  
Rated Operational Voltage: 1500 V  
Rated Short-time Withstand Current (I<sub>cw</sub>): 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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