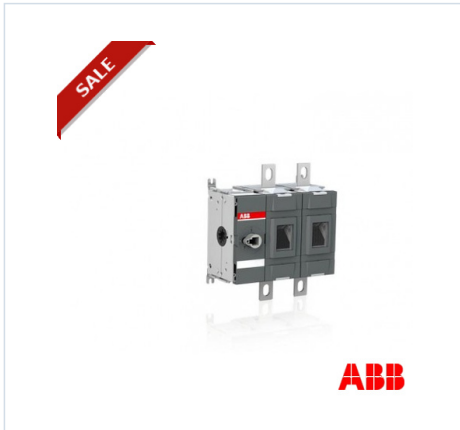


INDUSTRIAL COMPONENT DATA

OTDC500 1SCA132357R1001 ABB OTDC500E02 DC Switch-disconnector

Brand: ABB | Manufacturer Part Number: OTDC500



Manufacturer	ABB
MPN / Reference	OTDC500
Catalog number	1SCA132357R1001
Category	Switch disconnector
Minimum order	1 Pcs
Document ID	EO-A59D05C48A
Generated	2026-08-02

Product Overview

OTDC500E02 DC Switch-disconnector
DC Disconnector Switch OTDC500E02

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 > OTDC
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Additional Product Information

Including terminal bolt kit. Handle and shaft have to be ordered separately

Ordering

EAN:6417019614915

Minimum Order Quantity:1 piece

Customs Tariff Number:85365080

Dimensions

Product Net Width:197mm

Product Net Height:227mm

Product Net Depth:105mm

Product Net Weight:3.8kg

Container Information

Package Level 1 Units:1 piece

Package Level 1 Width:233 mm

Package Level 1 Height:133 mm

Package Level 1 Length:249 mm

Package Level 1 Gross Weight:4,3 kg

Package Level 1 EAN:6417019614915

Environmental

RoHS Status:Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q4

Additional Information

Conventional Thermal Current (I_{the}):Fully Enclosed 500 A

Earthing Switch Type:No Additional Type

Handle Type:None

IIT Publishing Status:Level 0 - Information enabled

Includes:None

Mounting Type:Normal

Number of Poles:2

Operating Mechanism:Mechanism at the end of the switch

Operating Mode:Front Operated

Pollution Degree:3

Power Loss:at Rated Operating Conditions per Pole 15 W

Product Main Type:OTDC500

Product Name:DC Switch-disconnector

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

Rated Insulation Voltage (U_i):1500 V

Rated Operational Current DC-21B (I_e):(1000 V) 500 A

Rated Operational Voltage:1000 V

Rated Short-time Withstand Current (I_{cw}):for 1 s 10 kiloampere rms

Special Functions:No

Standards:IEC

Terminal Type:Lug terminals

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:1SCC301021C0201

Declaration of Conformity - CE:1SCC301009K0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / OTDC500 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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