

INDUSTRIAL COMPONENT DATA

1SCA158299R1001 ABB DC OTDC400FV22 disconnect switch

Brand: ABB | Manufacturer Part Number: 1SCA158299R1001



Manufacturer	ABB
MPN / Reference	1SCA158299R1001
Catalog number	158299
Category	Switch disconnector
Minimum order	1 Pcs
Document ID	EO-CF815915B3
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Product Overview

DC OTDC400FV22 disconnect switch

A fully optimized four-pole DC switch-disconnector for 1500V utility-scale photovoltaic power plants covering 315-630A current range. The new design offers both a size reduction and an increase in efficiency and performance to help manufacturers adapt to the industry's rapid adoption of 1500V DC solutions. The four-pole 1500V DC concept helps manufacturers improve system efficiency, reducing switch losses. The compact size of the new OTDC range makes it possible for manufacturers to reduce the size of combiner boxes and inverters. Main characteristics of this particular OTDC type: Disconnect double PV circuit, Approved according to IEC 60947-1, -3

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

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General Information
Extended Product Type: OTDC400FV22 Product ID: 1SCA158299R1001 EAN: 6417019874043 Catalog
Description: OTDC400FV22 DC Switch-disconnector Long Description: A fully optimized four-pole DC switch-disconnector for 1500V utility-scale photovoltaic power plants covering 315-630A current range. The new design offers both a size reduction and an increase in efficiency and performance to help manufacturers adapt to the industry's rapid adoption of 1500V DC solutions. The four-pole 1500V DC concept helps manufacturers improve system efficiency, reducing switch losses. The compact size of the new OTDC range makes it possible for manufacturers to reduce the size of combiner boxes and inverters. Main characteristics of this particular OTDC type: Disconnect double PV circuit, Approved according to IEC 60947-1, -3
Ordering

Minimum Order Quantity:1 piece Customs Tariff Number:85353010 Country of Origin:Finland (FI) Popular Downloads
Data Sheet, Technical Information:\n1SCC301022C0201 Instructions and Manuals:\n1SCC301099M0201
9AKK107492A6191 Mechanical Drawings:\nOTDC315-630FV22_stp
OTDC315-630FV22_igs
1SCC307664F0001
1SCC307665F0001 Wiring Diagram:\n1SCC301035K0201 Dimensions
Product Frame Size:MP Product Net Width:255.5 mm
10.1 in Product Net Height:211 mm
8.3 in Product Net Depth / Length:135 mm
5.3 in Product Net Weight:7.7 kg
16.9 lb Technical
Connection Configuration:Double circuit 4a, 4c Rated Operational Current DC-21B (Ie):(1500 V) 400 A Rated Operational
Current DC-22B:(1500 V) 400....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SCA158299R1001 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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requirements against the manufacturer documentation before purchase or installation.