

INDUSTRIAL COMPONENT DATA

1SCA161939R1001 ABB Disconnecter Switch CCOTDC250GV22

Brand: ABB | Manufacturer Part Number: 1SCA161939R1001



Manufacturer	ABB
MPN / Reference	1SCA161939R1001
Catalog number	161939
Category	Switch disconnecter
Minimum order	1 Pcs
Document ID	EO-0F913E6D83
Generated	2026-08-02

Product Overview

Disconnecter Switch CCOTDC250GV22
OTDC250GV22 DC Switch-disconnector

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

Extended Product Type:OTDC250GV22

Product ID:1SCA161939R1001

EAN:6417019920085

Catalog Description:OTDC250GV22 DC Switch-disconnector

Long Description:A fully optimized four-pole DC switch-disconnector to operate 2 circuits with single switch. 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.

Ordering

Minimum Order Quantity:1 piece

Customs Tariff Number:85353010

Country of Origin:Finland (FI)

Popular Downloads

Data Sheet, Technical Information:1SCC301022C0201

Instructions and Manuals:1SCC301106M0201

Mechanical Drawings:OTDC100-250_G_22_STP

1SCC307815F0201

Dimensions

Product Frame Size:S2.0

Product Net Width:224mm

8.8 in

Product Net Height:165mm

6.5 in

Product Net Depth / Length:120mm

4.7 in

Product Net Weight:3kg

6.5 lb

Technical

Connection Configuration:Double circuit 4a, 4c

Rated Operational Current DC-21B (Ie):(1500 V) 250 A

Rated Operational Current DC-PV1:(1500 V) 200 A

Rated Operational Current DC-PV2:(1500 V) 100 A

Conventional Free-air Thermal Current (Ith):q = 40 °C 250 A

Conventional Thermal Current (Ithe):Fully Enclosed 250 A

Rated Impulse Withstand Voltage (Uimp):12 kV

Rated Insulation Voltage (Ui):1500 V

Rated Operational Voltage:1500 V

Rated Short-Circuit Making Capacity (Icm):(1500 V DC) 10 kA

Rated Short-time Withstand Current Low Voltage (Icw):(1500 V DC) 10 kA
for 1 s 10 kA

Protection Type:Circuit breaker

Power Loss:at Rated Operating....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SCA161939R1001 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.