INDUSTRIAL COMPONENT DATA

2CTB812102R1501 ABB Prot. About t. OVRPVT1-T210-1500MCQS

Brand: ABB | Manufacturer Part Number: 2CTB812102R1501

Manufacturer	ABB
MPN / Reference	2CTB812102R1501
Catalog number	2CTB812102R1501
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-A964FDA1EB
Generated	2026-08-04

Product Overview

Prot. About t. OVRPVT1-T210-1500MCQS
OVR PV T1-T2 10-1500 M C QS Surge Protective Device

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	ABB > Other modular devices

Additional Product Information

Technical
Suitable For To protect the systems against the transient overvoltage (lightning)
Voltage Rating DC 1500 V
Maximum Power Point (MPP) Voltage 1500 V
Rated Service Short-Circuit Breaking Capacity (Ics) 11 kA
Discharge Current Nominal (8 / 20 µs) 20 kA
I (max, 8 / 20 µs) 40 kA
I (total, 10 / 350 µs) 10 kA
Arrester Class I
II
Number of Protected Poles 2
Number of Conductors 2
Transmission Standard Optic
Version Plug-in

Product Type QS
Options Provided Solar
Preventive Maintenance Feature No
Status Indicator Yes
Number of Batteries 0
Fuse Size 3 modular spacing
Cross-Section (Across) Maximum Conductor Solid-Stranded 35 mm²
Maximum Conductor Flexible 25 mm²
Electrical
Rated Voltage (Ur) 1500 V DC
Voltage Protection Level (Up) 5 kV
Material Compliance
RoHS Declaration 9AKK107991A6344
RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date 20230707
REACH Declaration 9AKK107492A1906
REACH Information False - does not contain substances > 0.1 mass percentage
REACH Date 20231212
Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363
WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B Business To Business
Environmental
Degree of Protection IP20
Dimensions
Product Net Width 24 mm
Product Net Height 45 mm
Product Net Depth / Length 74 mm
Product Net Weight 0.087 kg
Ordering
Package Level 1 Units box 1 piece
Package Level 1 Gross Weight 0.87 kg
Certificates and Declarations
Declaration of Conformi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB812102R1501 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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