

INDUSTRIAL COMPONENT DATA

2CTB803972R1200 ABB OVR T2-T3 1N 20-275 P QS

Brand: ABB | Manufacturer Part Number: 2CTB803972R1200



Manufacturer	ABB
MPN / Reference	2CTB803972R1200
Catalog number	803972
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
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Product Overview

OVR T2-T3 1N 20-275 P QS

Envelope Prot. OVRT2-T31N20-275PQS

OVR T2-T3 1N 20-275 P 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 > OVR surge protection

Additional Product Information

ABB EcoSolutions

Environmental Product Declaration - EPD 9AKK108468A7418

Technical

Type of Low Voltage Distribution System TT

TN-S

Suitable For To protect the systems against the transient overvoltage (lightning)

Nominal AC Voltage of the System (U_o) 230 / 400 VMaximum Continuous Operating Voltage (U_c) (L-PE) 275 VTemporary Overvoltage Test Value (U_T) (L-N) 337 V

(N-PE) 1200 V

Rated Service Short-Circuit Breaking Capacity (I_{cs}) 100 kA

Discharge Current Nominal (8 / 20 μs) 5 kA

I (max, 8 / 20 μs) 20 kA

Impulse Current I (imp, 10 / 350 μs) 2 kA

Short Circuit Withstand Icc 100 kA
Arrester Class II
III
Number of Protected Poles 2
Number of Poles 2P
Number of Conductors 2
Position of Neutral Terminals Right
Transmission Standard Optic
Version Plug-in
Product Type QS
Options Provided Residential or other where accurate protection is needed.
Auxiliary Circuit Load Minimum -
Maximum -
Preventive Maintenance Feature No
Status Indicator Yes
Fuse Size 2 modular spacing
Cross-Section (Across) Maximum Conductor Solid-Stranded 25 mm²
Maximum Conductor Flexible 16 mm²
Electrical
Rated Voltage (Ur) 400 V AC
Voltage Protection Level (Up) 1.4 kV
(L-N) 0.9 kV
(N-PE) 1.4 kV
Power Loss Total 17 mW
Material Compliance
RoHS Declaration 9AKK108466A4410
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 M...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB803972R1200 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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