

## INDUSTRIAL COMPONENT DATA

## 2CTB803972R1100 ABB OVR T2 1N 40-275 P QS

Brand: ABB | Manufacturer Part Number: 2CTB803972R1100



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | ABB                                              |
| MPN / Reference | 2CTB803972R1100                                  |
| Catalog number  | 803972                                           |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-0AACE2889E                                    |
| Generated       | 2026-08-06                                       |

## Product Overview

OVR T2 1N 40-275 P QS

Prot. envelope OVRT21N40-275PQS

OVR T2 1N 40-275 P QS Surge Protective Device

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification &amp; Catalog Path

Catalog path ABB &gt; Other modular devices &gt; 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<sub>o</sub>) 230 / 400 VMaximum Continuous Operating Voltage (U<sub>c</sub>) (L-PE) 275 VTemporary Overvoltage Test Value (U<sub>T</sub>) (L-N) 337 V

(N-PE) 1200 V

Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>) 100 kA

Discharge Current Nominal (8 / 20 μs) 20 kA

I (max, 8 / 20 μs) 40 kA

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

Short Circuit Withstand Icc 100 kA  
Arrester Class II  
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, commercial building.  
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 mm<sup>2</sup>  
Maximum Conductor Flexible 16 mm<sup>2</sup>  
Electrical  
Rated Voltage (Ur) 230 V AC  
Voltage Protection Level (Up) 1.5 kV  
(L-N) 1.25 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 Minerals Reporting Template...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB803972R1100 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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