

## INDUSTRIAL COMPONENT DATA

## 2CTB803973R1600 ABB OVR T2-T3 3N 20-275 P TS QS

Brand: ABB | Manufacturer Part Number: 2CTB803973R1600



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | ABB                                              |
| MPN / Reference | 2CTB803973R1600                                  |
| Catalog number  | 803973                                           |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-9F33030727                                    |
| Generated       | 2026-08-05                                       |

## Product Overview

OVR T2-T3 3N 20-275 P TS QS

Envelope Prot. OVRT2-T33N20-275PTSQS

OVR T2-T3 3N 20-275 P TS 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 > 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 (Uo) 230 / 400 V

Maximum Continuous Operating Voltage (Uc) (L-PE) 275 V

Temporary Overvoltage Test Value (UT) (L-N) 337 V

(N-PE) 1200 V

Rated Service Short-Circuit Breaking Capacity (Ics) 100 kA

Discharge Current Nominal (8 / 20  $\mu$ s) 5 kAI (max, 8 / 20  $\mu$ s) 20 kAImpulse Current I (imp, 10 / 350  $\mu$ s) 2 kA

Short Circuit Withstand Icc 100 kA  
Arrester Class II  
III  
Number of Protected Poles 4  
Number of Auxiliary Contacts NC 1  
Number of Auxiliary Contacts NO 1  
Number of Poles 4P  
Number of Conductors 4  
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 12Vdc - 10mA  
Maximum 250Vac - 1A  
Preventive Maintenance Feature No  
Status Indicator Yes  
Fuse Size 4 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) 400 V AC  
Voltage Protection Level ( Up) 1.5 kV  
(L-N) 1.4 kV  
(N-PE) 1.4 kV  
Power Loss Total 29 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB803973R1600 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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