

## INDUSTRIAL COMPONENT DATA

# 2CTB812101R2300 ABB Prot.sobret. OVRT1-T24L100-255PTS

Brand: ABB | Manufacturer Part Number: 2CTB812101R2300



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | ABB                                        |
| MPN / Reference | 2CTB812101R2300                            |
| Catalog number  | 2CTB812101R2300                            |
| Category        | Combined arrester for power supply systems |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-5B603AFC5B                              |
| Generated       | 2026-07-28                                 |

## Product Overview

Prot.sobret. OVRT1-T24L100-255PTS  
OVR T1-T2 4L 100-255 P TS 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  
Type of Low Voltage Distribution System TN-S  
Nominal AC Voltage of the System (Uo) 237 ... 400 V  
Maximum Continuous Operating Voltage (Uc) (L-PE) 264 V  
(L-N) 264 V  
(N-PE) 264 V  
Temporary Overvoltage Test Value (UT) (L-N) 440/120min V  
Rated Service Short-Circuit Breaking Capacity (Ics) 100 kA  
Discharge Current Nominal (8 / 20  $\mu$ s) 25 kA  
I (max, 8 / 20  $\mu$ s) 60 kA  
I (total, 10 / 350  $\mu$ s) 100 kA  
Impulse Current I (imp, 10 / 350  $\mu$ s) 25 kA  
I (total, 10 / 350  $\mu$ s) 100 kA  
Short Circuit Withstand Icc 100 kA  
Follow Current Extinction Capacity If (I fi) (L-N) 50 kA

(N-PE) 50 kA  
Short-Circuit Protective Devices gG Type Fuses 315 A  
Arrester Class I  
II  
Number of Protected Poles 4  
Number of Auxiliary Contacts NC 1  
Number of Auxiliary Contacts NO 1  
Number of Poles 4P  
Number of Conductors 5  
Version Plug-in  
Auxiliary Circuit Load Minimum 75Vdc - 500mA  
Maximum 250Vac - 500mA  
Status Indicator Yes  
Number of Batteries 0  
Cross-Section (Across) Maximum Conductor Solid-Stranded 50 mm<sup>2</sup>  
Maximum Conductor Flexible 35 mm<sup>2</sup>  
Electrical  
Voltage Protection Level ( Up) (L-N) 1.5 kV  
(N-PE) 1.5 kV  
(L-PE) 1.5 kV  
Frequency (f) 45...65 Hz  
Technical UL/CSA  
Maximum Continuous Operating Voltage UL/CSA (MCOV) (L-PE) 255 V  
(L-L) 510 V  
(L-N) 255 V  
(N-PE) 255 V  
Voltage Protection Rating UL/CSA (VPR) Lpe 1500 V  
LI 2500 V  
Ln 1500 V  
Npe 1200 V  
Type of Low Voltage Distribution System UL/CSA Wye  
Material Compliance  
RoHS Declaration 9AKK108467A9302  
RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 Jul...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB812101R2300 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

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