

INDUSTRIAL COMPONENT DATA

2CTB812522R2300 ABB Prot. sobret. OVRT1-T2N50-255C

Brand: ABB | Manufacturer Part Number: 2CTB812522R2300



Manufacturer	ABB
MPN / Reference	2CTB812522R2300
Catalog number	2CTB812522R2300
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-54CEC8FBA1
Generated	2026-07-31

Product Overview

Prot. sobret. OVRT1-T2N50-255C

OVR T1-T2 N 50-255 C 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 TT

TN-S

Nominal AC Voltage of the System (Uo) 239 ... 400 V

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

(L-N) - V

(N-PE) 255 V

Temporary Overvoltage Test Value (UT) (N-PE) 1200/200ms V

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

Discharge Current Nominal (8 / 20 μ s) 25 kAI (max, 8 / 20 μ s) 60 kAI (total, 10 / 350 μ s) 50 kAImpulse Current I (imp, 10 / 350 μ s) - kAI (total, 10 / 350 μ s) 50 kA

Short Circuit Withstand Icc 100 kA

Follow Current Extinction Capacity If (I fi) (N-PE) 50 kA
Short-Circuit Protective Devices gG Type Fuses 315 A
Arrester Class I
II
Number of Protected Poles 1
Number of Poles 1P
Version Plug-in
Number of Batteries 0
Electrical
Frequency (f) 45...65 Hz
Technical UL/CSA
Maximum Continuous Operating Voltage UL/CSA (MCOV) (L-PE) - V
(L-L) - V
(L-N) - V
(N-PE) 255 V
Type of Low Voltage Distribution System UL/CSA Single Phase
Material Compliance
RoHS Declaration 9AKK108467A9302
RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date 20230322
REACH Declaration 9AKK107492A1906
REACH Information False - does not contain substances > 0.1 mass percentage
REACH Date 20231212
Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363
SCIP 779d27fa-a005-4fd2-9440-f357bf1752d7 Germany
WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B Business To Consumer
Environmental
Ambient Air Temperature Operation -40 ... +70 °C....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB812522R2300 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.