

INDUSTRIAL COMPONENT DATA

2CTB813010R2300 ABB Prot.sobret. OVRT1-T2N100-255P

Brand: ABB | Manufacturer Part Number: 2CTB813010R2300



Manufacturer	ABB
MPN / Reference	2CTB813010R2300
Catalog number	2CTB813010R2300
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

Prot.sobret. OVRT1-T2N100-255P

OVR T1-T2 N 100-255 P 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) 234 ... 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) 100 kAImpulse Current I (imp, 10 / 350 μ s) - kAI (total, 10 / 350 μ s) 100 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
Number of Conductors 2
Version Plug-in
Status Indicator No
Number of Batteries 0
Cross-Section (Across) Maximum Conductor Solid-Stranded 50 mm²
Maximum Conductor Flexible 35 mm²
Electrical
Voltage Protection Level (Up) (L-N) - kV
(N-PE) 1.5 kV
(L-PE) - kV
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
Voltage Protection Rating UL/CSA (VPR) Lpe - V
LI - V
Ln - V
Npe 1500 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
Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363
SCIP d5453ee5-cc59-46f8-b64f-0f80a1e7d5fd Germany
WEEE Category 5. Sma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB813010R2300 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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