

INDUSTRIAL COMPONENT DATA

2CTB813251R2300 ABB Prot.sobret. OVRT1-T21L25-255PTS

Brand: ABB | Manufacturer Part Number: 2CTB813251R2300



Manufacturer	ABB
MPN / Reference	2CTB813251R2300
Catalog number	2CTB813251R2300
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

Prot.sobret. OVRT1-T21L25-255PTS

OVR T1-T2 1L 25-255 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 TT

TN-S

TN-C

Nominal AC Voltage of the System (Uo) 232 ... 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 µs) 25 kA

I (max, 8 / 20 µs) 60 kA

I (total, 10 / 350 µs) 25 kA

Impulse Current I (imp, 10 / 350 µs) 25 kA

I (total, 10 / 350 µs) 25 kA

Short Circuit Withstand Icc 100 kA
Follow Current Extinction Capacity If (I fi) (L-N) 50 kA
Short-Circuit Protective Devices gG Type Fuses 315 A
Arrester Class I
II
Number of Protected Poles 1
Number of Auxiliary Contacts NC 1
Number of Auxiliary Contacts NO 1
Number of Poles 1P
Number of Conductors 2
Version Plug-in
Auxiliary Circuit Load Minimum 75Vdc - 500mA
Maximum 250Vac - 500mA
Status Indicator Yes
Number of Batteries 0
Electrical
Voltage Protection Level (Up) (L-N) 1.5 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) 255 V
(L-L) - V
(L-N) 255 V
(N-PE) 255 V
Voltage Protection Rating UL/CSA (VPR) Lpe 1500 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
REACH Declaration 9AKK107492A1906
REACH Information False - does not contain...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB813251R2300 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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