

INDUSTRIAL COMPONENT DATA

2CTB812511R2300 ABB Prot.sobret. OVRT1-T21N50-255PTS

Brand: ABB | Manufacturer Part Number: 2CTB812511R2300



Manufacturer	ABB
MPN / Reference	2CTB812511R2300
Catalog number	2CTB812511R2300
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

Prot.sobret. OVRT1-T21N50-255PTS
OVR T1-T2 1N 50-255 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
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Additional Product Information

Technical
Type of Low Voltage Distribution System TT
TN-S
Nominal AC Voltage of the System (Uo) 238 ... 400 V
Maximum Continuous Operating Voltage (Uc) (L-PE) 264 V
(L-N) 264 V
(N-PE) 255 V
Temporary Overvoltage Test Value (UT) (L-N) 440/120min V
(N-PE) 1200/200ms 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) 50 kA
Impulse Current I (imp, 10 / 350 µs) 25 kA
I (total, 10 / 350 µs) 50 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 2
Number of Auxiliary Contacts NC 1
Number of Auxiliary Contacts NO 1
Number of Poles 2P
Number of Conductors 3
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 mm²
Maximum Conductor Flexible 35 mm²
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 4000 V
LI - V
Ln 1500 V
Npe 3000 V
Type of Low Voltage Distribution System UL/CSA Wye
Material Compliance
RoHS Declaration 9AKK108467A9302
RoHS Information Following EU Directive 2011/65/EU and Amendmen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB812511R2300 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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