

INDUSTRIAL COMPONENT DATA

2CTB812751R2300 ABB Prot.sobret. OVRT1-T23L75-255PTS

Brand: ABB | Manufacturer Part Number: 2CTB812751R2300



Manufacturer	ABB
MPN / Reference	2CTB812751R2300
Catalog number	2CTB812751R2300
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

Prot.sobret. OVRT1-T23L75-255PTS

OVR T1-T2 3L 75-255 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-C

Nominal AC Voltage of the System (Uo) 235 ... 400 V

Maximum Continuous Operating Voltage (Uc) (L-PE) 264 V
(L-N) - V

(N-PE) - 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 μ s) 25 kAI (max, 8 / 20 μ s) 60 kAI (total, 10 / 350 μ s) 75 kAImpulse Current I (imp, 10 / 350 μ s) 25 kAI (total, 10 / 350 μ s) 75 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 3

Number of Auxiliary Contacts NC 1

Number of Auxiliary Contacts NO 1

Number of Poles 3P

Number of Conductors 4

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) - 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) - V

(N-PE) - V

Voltage Protection Rating UL/CSA (VPR) Lpe 1500 V

LI - V

Ln - V

Npe 2500 V

Type of Low Voltage Distribution System UL/CSA Delta & HRG Wye

Material Compliance

RoHS Declaration 9AKK108467A9302

RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

RoHS Dat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB812751R2300 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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