

INDUSTRIAL COMPONENT DATA

2CTB815710R0100 ABB OVR T1-T2 1N 12.5-275s P TS QS

Brand: ABB | Manufacturer Part Number: 2CTB815710R0100



Manufacturer	ABB
MPN / Reference	2CTB815710R0100
Catalog number	815710
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-C4F88A8FC3
Generated	2026-08-06

Product Overview

OVR T1-T2 1N 12.5-275s P TS QS
Prot.sobret. OVRT1-T21N12.5-275sPTSQS

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 > OVR surge protection
--------------	--

Additional Product Information

OVR T1-T2 1N 12.5-275s P TS QS
Ordering
Product Main Type:T1-T2
EAN:3660308524898
Minimum Order Quantity:1 piece
Customs Tariff Number:85363090
Technical
Type of Low Voltage Distribution System:TT
TN-S
Nominal AC Voltage of the System (Uo):230 / 400 V
Number of Protected Poles:2
Arrester Class:I
II
Standards:IEC 61643-11 / EN 61643-11
Product Type:QS

Remote Indicator:Yes
Version:Plug-in
Discharge Current (Imax):Nominal 12.5 kA
Maximum 80 kA
Total 100 kA
Impulse Current:12.5 kA
Maximum Continuous Operating Voltage (Uc):(L-PE) 275 V
(L-L)- V
(L-N) 275 V
(N-PE) 275 V
Voltage Rating DC:350 V
Voltage Protection Level (Up):(L-N) 1.2 kV
(N-PE) 1.1 kV
(L-PE) 1.35 kV
Short Circuit Withstand Icc:100 kA
Temporary Overvoltage Test Value (UT):(L-N) 337 V
(N-PE) 1200 V
Short-Circuit Protective Devices:Curve B Breakers <= 125 A
Curve C Breakers <= 125 A
gL Type Fuses <= 160 A
gG Type Fuses <= 160 A
Auxiliary Circuit Load:Minimum 12Vdc - 10mA
Maximum 250Vac - 1A
Power Loss:37 mW
Product Name:Surge Protective Devices
Suitable For:To protect the systems against the transient overvoltage (lightning)
Dimensions
Product Net Width:35.6mm
Product Net Depth:76.7mm
Product Net Height:95.8mm
Product Net Weight:300g
Width in Number of Modular Spacings:2
Container Information
Package Level 1 Units:1 piece
Package Level 1 Width:117 mm
Package Level 1 Length:41 mm
Package Level 1 Height:82 mm
Package Level 1 Gross Weight:320 g
Package Level 1 EAN:3660308524898
Certificates and Declarations (Document Number)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB815710R0100 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.