

INDUSTRIAL COMPONENT DATA

2CTB815710R0700 ABB OVR T1-T2 3N 12.5-275s P TS QS

Brand: ABB | Manufacturer Part Number: 2CTB815710R0700



Manufacturer	ABB
MPN / Reference	2CTB815710R0700
Catalog number	815710
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-B799CA2D74
Generated	2026-08-06

Product Overview

OVR T1-T2 3N 12.5-275s P TS QS

Prot. envelope OVRT1-T23N12.5-275sPTSQS

OVR T1-T2 3N 12.5-275s P TS QS 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 > OVR surge protection

Additional Product Information

ABB EcoSolutions

Environmental Product Declaration - EPD 9AKK108468A7418

Technical

Type of Low Voltage Distribution System TT

TN-S

Suitable For To protect the systems against the transient overvoltage (lightning)

Nominal AC Voltage of the System (U₀) 230 / 400 VMaximum Continuous Operating Voltage (U_c) (L-PE) 275 V

(L-L) 440 V

(L-N) 275 V

(N-PE) 255 V

Temporary Overvoltage Test Value (U_T) (L-N) 337 V

(N-PE) 1200 V

Discharge Current Nominal 20 kA

Maximum 80 kA
Total 100 kA
Impulse Current I (imp, 10 / 350 μ s) 12.5 kA
I (total, 10 / 350 μ s) 50 kA
Lightning Impulse Current 12.5 kA
Short Circuit Withstand Icc 100 kA
Follow Current Extinction Capacity If (I fi) (L-N) - kA
(N-PE) 0.1 kA
Short-Circuit Protective Devices Curve B Breakers $\leq$ 125 A
Curve C Breakers $\leq$ 125 A
gL Type Fuses $\leq$ 160 A
gG Type Fuses $\leq$ 160 A
Arrester Class I
II
Number of Protected Poles 4
Number of Auxiliary Contacts NC 1
Number of Auxiliary Contacts NO 1
Number of Poles 4P
Position of Neutral Terminals Right
Version Plug-in
Product Type QS
Options Provided Industry, commercial building
Auxiliary Circuit Load Minimum 12Vdc - 10mA
Maximum 250Vac - 1A
Preventive Maintenance Feature Yes
Status Indicator Yes
Fuse Size 4 modular spacing
Electrical
Voltage Protection Level (Up) (L-N) 1.4 kV
(N-PE) 1.4 kV
(L-PE) 1.5 kV
Power Loss Total 63 mW
Material Compliance
RoHS Declaration 9AKK108466A4617
RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date 20230707
REACH Declaration...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB815710R0700 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.