

## INDUSTRIAL COMPONENT DATA

## 2CTB815710R1900 ABB OVR T1-T2 3N 12.5-275s P QS

Brand: ABB | Manufacturer Part Number: 2CTB815710R1900



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | ABB                                        |
| MPN / Reference | 2CTB815710R1900                            |
| Catalog number  | 815710                                     |
| Category        | Combined arrester for power supply systems |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-0A42962691                              |
| Generated       | 2026-08-06                                 |

## Product Overview

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

Prot. envelope OVRT1-T23N12.5-275sPQS

OVR T1-T2 3N 12.5-275s P QS Surge Protective Device

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

Catalog path ABB &gt; Other modular devices &gt; 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 (U<sub>o</sub>) 230 / 400 VMaximum Continuous Operating Voltage (U<sub>c</sub>) (L-PE) 275 V

(L-L) 440 V

(L-N) 275 V

(N-PE) 255 V

Temporary Overvoltage Test Value (U<sub>T</sub>) (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 µs) 12.5 kA  
I (total, 10 / 350 µs) 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 <= 125 A  
Curve C Breakers <= 125 A  
gL Type Fuses <= 160 A  
gG Type Fuses <= 160 A  
Arrester Class I  
II  
Number of Protected Poles 4  
Number of Poles 4P  
Position of Neutral Terminals Right  
Version Plug-in  
Product Type QS  
Options Provided Industry, commercial building  
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 9AKK107492A1906  
REACH Information False - does not contain substances > 0.1 mass percentage  
REACH Date 20231212  
Conflict Minerals R...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB815710R1900 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.