

## INDUSTRIAL COMPONENT DATA

# 2CTB802401R1500 ABB Prot. envelope. OVR PV T2 40-1500PTS

Brand: ABB | Manufacturer Part Number: 2CTB802401R1500



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | ABB                                              |
| MPN / Reference | 2CTB802401R1500                                  |
| Catalog number  | 2CTB802401R1500                                  |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-1B036820C8                                    |
| Generated       | 2026-08-01                                       |

## Product Overview

Prot. envelope. OVR PV T2 40-1500PTS  
OVR PV T2 40-1500 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

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

Voltage Rating DC 1500 V

Maximum Continuous Operating Voltage (Uc) (L-PE) 1500 V

(L-L) 1500 V

(L-N) 0 V

(N-PE) 0 V

Maximum Power Point (MPP) Voltage 1500 V

Rated Service Short-Circuit Breaking Capacity (Ics) 10 kA

Discharge Current Nominal (8 / 20  $\mu$ s) 20 kA

I (max, 8 / 20  $\mu$ s) 40 kA

Short Circuit Withstand Icc 10 kA

Arrester Class II

Number of Protected Poles 2

Number of Auxiliary Contacts NO 1  
Number of Poles 3P  
Transmission Standard Optic  
Version Plug-in  
Options Provided Solar  
Preventive Maintenance Feature No  
Status Indicator Yes  
Fuse Size 3 modular spacing  
Electrical  
Rated Voltage (Ur) 15000 V DC  
Voltage Protection Level (Up) 5 kV  
Technical UL/CSA  
Maximum Continuous Operating Voltage UL/CSA (MCOV) (L-PE) 1500 V  
(L-L) 1500 V  
(L-N) 0 V  
(N-PE) 0 V  
Voltage Protection Rating UL/CSA (VPR) Lpe 4 kV  
LI 4 kV  
Material Compliance  
RoHS Declaration 9AKK108466A0826  
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 Reporting Template (CMRT) 9AKK108468A3363  
SCIP 3d1123d6-0763-4896-ae33-c28d41ce08c2 Germany  
WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)  
WEEE B2C / B2B Business To Consumer  
Environmental  
Degree of Protection IP20  
Maximum Operating Altitude Permissible With...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB802401R1500 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

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