

INDUSTRIAL COMPONENT DATA

2CTB803871R2300 ABB OVR T2 40-275 P QS

Brand: ABB | Manufacturer Part Number: 2CTB803871R2300



Manufacturer	ABB
MPN / Reference	2CTB803871R2300
Catalog number	803871
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-1F6FE5E6B3
Generated	2026-08-05

Product Overview

OVR T2 40-275 P QS
Prot. envelope OVRT240-275PQS
OVR T2 40-275 P 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
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Additional Product Information

ABB EcoSolutions
Environmental Product Declaration - EPD 9AKK108468A7418
Technical
Type of Low Voltage Distribution System TT
TN-C
TN-S
Suitable For To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of the System (Uo) 230 / 400 V
Maximum Continuous Operating Voltage (Uc) (L-PE) 275 V
Temporary Overvoltage Test Value (UT) 337 V
Rated Service Short-Circuit Breaking Capacity (Ics) 100 kA
Discharge Current Nominal (8 / 20 µs) 20 kA
I (max, 8 / 20 µs) 40 kA
Impulse Current I (imp, 10 / 350 µs) 2 kA

Short Circuit Withstand Icc 100 kA
Arrester Class II
Number of Protected Poles 1
Number of Poles 1P
Number of Conductors 1
Transmission Standard Optic
Version Plug-in
Product Type QS
Options Provided Residential, commercial building.
Auxiliary Circuit Load Minimum -
Maximum -
Preventive Maintenance Feature No
Status Indicator Yes
Fuse Size 1 modular spacing
Cross-Section (Across) Maximum Conductor Solid-Stranded 25 mm²
Maximum Conductor Flexible 16 mm²
Electrical
Rated Voltage (Ur) 230 V AC
Voltage Protection Level (Up) 1.25 kV
(L-N) 1.25 kV
(N-PE) 1.25 kV
Power Loss Total 8 mW
Material Compliance
RoHS Declaration 9AKK108466A4410
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
WEEE Category 5. Small Equ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CTB803871R2300 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

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