

# OVR T1 3N 25-255 TS



Products Low Voltage Products and Systems Modular DIN Rail Products Surge Protective Devices SPDs  
Surge Protective Devices SPD Class I

## General Information

<b>Extended Product Type:</b>	OVR T1 3N 25-255 TS
<b>Product ID:</b>	2CTB815101R0700
<b>EAN:</b>	3660308510983
<b>Catalog Description:</b>	OVR T1 3N 25-255 TS
<b>Long Description:</b>	510107

## Additional Information

<b>Arrester Class:</b>	I
<b>Auxiliary Circuit Load:</b>	Minimum 12Vdc - 10mA Maximum 250Vac - 1A
<b>Brand / Label:</b>	ABB
<b>Country of Origin:</b>	France (FR)
<b>Customs Tariff Number:</b>	85363090
<b>Data Sheet, Technical Information:</b>	2CTC431006D1701
<b>Declaration of Conformity - CE:</b>	2CTC436004G1701
<b>Discharge Current:</b>	Nominal 25 kA Maximum 60 kA Total 175 kA
<b>EAN:</b>	3660308510983
<b>ETIM 4:</b>	EC000381 - Lightning current arrester for power supply systems
<b>ETIM 5:</b>	EC000381 - Lightning current arrester for power supply systems
<b>ETIM 6:</b>	EC000381 - Lightning current arrester for power supply systems
<b>Follow Current Extinction Capacity If (I fi):</b>	50 kA
<b>Impulse Current:</b>	I (imp, 10 / 350 $\mu$ s) 25 kA I (total, 10 / 350 $\mu$ s) 100 kA
<b>Instructions and Manuals:</b>	2CTC431005M1701
<b>Invoice Description:</b>	OVR T1 3N 25-255 TS
<b>Maximum Continuous Operating Voltage (U<sub>c</sub>):</b>	(L-PE) 255 V (L-L) 440 V (L-N) 255 V (N-PE) 255 V
<b>Mechanical Drawings:</b>	2CTC800010F0700.pdf 2CTC800010F0701.dxf 2CTC800010F0703.igs
<b>Minimum Order Quantity:</b>	1 piece
<b>Nominal AC Voltage of the System (U<sub>0</sub>):</b>	230 / 400 V
<b>Number of Auxiliary Contacts NC:</b>	1
<b>Number of Auxiliary Contacts NO:</b>	1
<b>Number of Poles:</b>	4
<b>Number of Protected Poles:</b>	4
<b>Object Classification Code:</b>	141ACC
<b>Options Provided:</b>	Industry, commercial building
<b>Package Level 1 EAN:</b>	3660308510983
<b>Package Level 1 Gross Weight:</b>	1190 g
<b>Package Level 1 Height:</b>	82 mm
<b>Package Level 1 Length:</b>	193 mm

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	117 mm
<b>Preventive Maintenance Feature:</b>	No
<b>Product Main Type:</b>	T1
<b>Product Name:</b>	Surge Protective Device
<b>Product Net Depth:</b>	64.8 mm
<b>Product Net Height:</b>	90 mm
<b>Product Net Weight:</b>	1125 g
<b>Product Net Width:</b>	160.2 mm
<b>Selling Unit of Measure:</b>	piece
<b>Short Circuit Withstand Icc:</b>	50 kA
<b>Short Description:</b>	OVR T1 3N 25-255 TS
<b>Short-Circuit Protective Devices:</b>	Curve B Breakers $\leq$ 125 A Curve C Breakers $\leq$ 125 A gL Type Fuses $\leq$ 125 A gG Type Fuses $\leq$ 125 A
<b>Standards:</b>	IEC 61643-1 / EN 61643-11
<b>Suitable For:</b>	To protect the systems against the transient overvoltage (lightning)
<b>Temporary Overvoltage Test Value (U<sub>T</sub>):</b>	(L-N) 337 V (N-PE) 1200 V
<b>Type of Low Voltage Distribution System:</b>	TT TN-S
<b>UL Certificate:</b>	N
<b>Version:</b>	Fix
<b>Voltage Protection Level (U<sub>p</sub>):</b>	(L-N) 2.5 kV (N-PE) 2 kV (L-PE) - kV
<b>Width in Number of Modular Spacings:</b>	9

