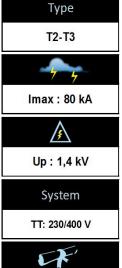
## Product Data Sheet 2CTC432214D0201 OVR T2-T3 N 80-275 P QS 2CTB803973R1900

22/05/2017



IEC 61643-11 EN 61643-11

<ul> <li>Din rail mounting</li> </ul>
Pluggable
<ul> <li>Excellent technical feat</li> </ul>
<ul> <li>Improved safety</li> </ul>
Pro M compact design
Pack up protoction up t

Type 2 SPD's are designed to discharge the currents generated by indirect lightning strikes causing induced or conducted overvoltages on the power distribution network.

They are characterized by an 8/20µs waveform (Imax). Higher is the Imax, more powerful they are.

They are installed in the main distribution switchboard but also in subdistribution board.

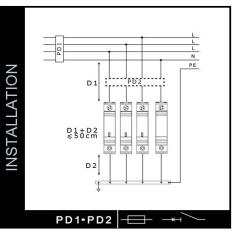
They have a low residual voltage Up often compatible with the withstand voltage of the equipment to protect. If this is not the case or the cable length to the equipment is longer than 10m, another level of coordination with OVR T2-T3, OVR T3 will be needed.

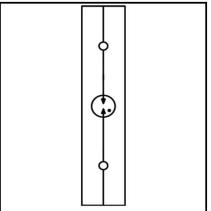
- tures

- Back up protection up to 125 A Fuse or Mcb



Key characteristics			
Protection mode			N-PE
Number of protected lines			1
Test class			-
Integrated thermal disconnector			No
End of life indicator			No
Safety reserve			No
Electrical characteristics			
Nominal discharge current	/n (8/20)	kA	30
Maximal discharge current	I max (8/20)	kA	80
Impulse current	/imp (10/350)	kA	2
Maximal continuous operating voltage	Uc	V	-
Maximal continuous operating voltage d.c	U c d.c	V	-
Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at In	U <sub>P</sub> (L-PE)	kV	-
Voltage protection level at In	U <sub>P</sub> (L-N)	kV	-
Voltage protection level at In	Up (N-PE)	kV	1,4
Short circuit withstand	ISCCR	kA	100
Total current	TOTAL	kA	80
Follow current interrupted	/ fi	kA	- / 0,1
Ground residual current	/ PE	μA	<10
TOV withstand (L-N : 5s / N-PE : 200 ms)	Uτ	V	- / 1200
Voltage Combination Wave	Uoc	kV	20
Required thermal/back up protection			
Curve B or C Circuit breaker		А	≤ 125
gG - gL fuse		А	≤ 125
Comments			
Mechanical characteristics			
Dimensions	HxWxD	mm	88x17.8x58
Wire range : Solid wire		mm²	2.5 35
Wire range : Stranded wire		mm²	2.5 25
Stripping length		mm	12.5
Packing quantities		piece	Per 1
Miscellaneous characteristics			
Maximal altitude		m	2 000
Weight		q	120
Response time		ns	<25
Fire resistance according to UL 94		-	V-0
Replacement cartridges			
Phase / Product ID			
Neutral / Product ID	OVR T2 N 80-275 C	201	2CTB803876R0000
Out 12 N 00-275 C Q5		25	2010003070100000





DIAGRAM

