Product Data Sheet 2CTC432363D0201 OVR T2 N 80-440s P QS 2CTB815708R5400

09/11/2016

Туре	indirect ligh
T2	the power of They are of Imax, more
5 5 Imax : 80 kA	They are ir distribution They have voltage of
	length to th with OVR T
Up : 2 kV	
System	• Din rail m
TT/TN-S: 400/690 V	Pluggable Excellent
CF'	ImprovedPro M cor
IEC 61643-11	 Back up p

EN 61643-11

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.

hey are characterized by an $8/20\mu s$ waveform (Imax). Higher is the hax, more powerful they are.

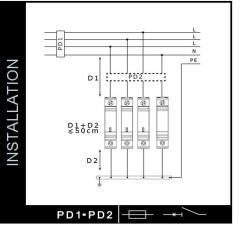
ay are installed in the main distribution switchboard but also in subribution board.

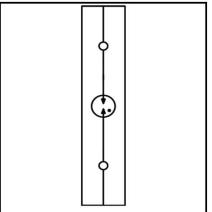
y have a low residual voltage Up often compatible with the withstand age of the equipment to protect. If this is not the case or the cable of the equipment is longer than 10m, another level of coordination OVR T2-T3, OVR T3 will be needed.

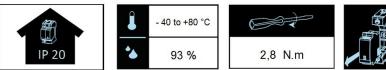
- Din rail mountingPluggable
 - Excellent technical features
 - Improved safety
 - Pro M compact design
- Back up protection up to 125 A Fuse or Mcb



	Key characteristics				
	Protection mode			N-PE	
	Number of protected lines			1	
	Test class			II	
	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	12,5	
	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	
S	Voltage protection level at In	Up (L-PE)	kV	-	
ت	Voltage protection level at In	U p (L-N)	kV	-	
Γ	Voltage protection level at In	Up (N-PE)	kV	2	
Ś	Short circuit withstand	/ SCCR	kA	100	
CHARACTERISTI	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	-	
	Required thermal/back up protection				
	Curve B or C Circuit breaker		A	≤ 125	
	gG - gL fuse		А	≤ 160	
\mathbb{C}	Comments				
	Mechanical characteristics				
	Dimensions	H x W x D	mm	88x17.8x69.4	
	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		g	150	
	Response time		ns	<25	
	Fire resistance according to UL 94			V-0	
	Replacement cartridges				
	Phase / Product ID	-		-	
	Neutral / Product ID	OVR T2 N 80-440s (CQS	2CTB815708R5700	











DIAGRAM

