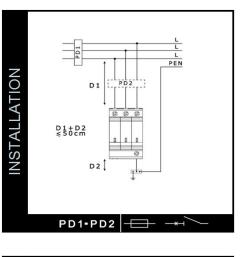
Product Data Sheet 2CTC432350D0201 OVR T2 3L 80-275s P QS 2CTB815708R1800

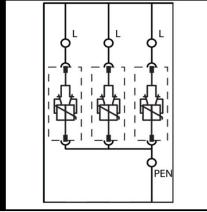
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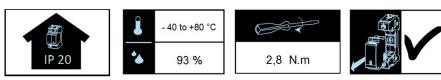
Туре	Type 2 SPD's are designed to discharge the currents generated by indirect lightning strikes causing induced or conducted overvoltages on the power distribution network.
T2	They are characterized by an 8/20µs waveform (Imax). Higher is the
7 4	Imax, more powerful they are. They are installed in the main distribution switchboard but also in sub-
lmax : 80 kA	distribution board.
	They have a low residual voltage Up often compatible with the withstand voltage of the equipment to protect.
	Surge Protection Device
Up : 1,4 kV	lifespan of the installation plan maintenance to reduce downtime risk.
System	On us
TH C. 220/400 V	Patented QuickSafe ® technology Safaty Basarya system
TN-C: 230/400 V	Safety Reserve system Din rail mounting
CF'	Pluggable Improved safety
IEC 61643-11	Back up protection up to 160 A Fuse or 125 A Mcb
EN 61643-11	



Key characteristics			
Protection mode	L-PEN		
Number of protected lines			3
Test class			
Integrated thermal disconnector			Yes
End of life indicator			Yes
Safety reserve			Yes
Electrical characteristics			
Nominal discharge current	In (8/20)	kA	20
Maximal discharge current	I max (8/20)	kA	80
Impulse current	limp (10/350)	kA	6,25
Maximal continuous operating voltage	Uc	V	275
Maximal continuous operating voltage d.c	Ucd.c	V	350
Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at In	Up (L-PE)	kV	1,4
Voltage protection level at In	U _P (L-N)	kV	-
Voltage protection level at In	U _P (N-PE)	kV	-
Short circuit withstand	ISCCR	kA	100
Total current	TOTAL	kA	240
Follow current interrupted	/ fi	kA	- / -
Ground residual current	I PE	μA	<1000
TOV withstand (L-N : 5s / N-PE : 200 ms)	Uτ	V	337 / -
Voltage Combination Wave	Uoc	kV	-
Voltage protection level at in Voltage protection level at in Voltage protection level at In Short circuit withstand Total current Follow current interrupted Ground residual current TOV withstand (L-N : 5s / N-PE : 200 ms) Voltage Combination Wave Required thermal/back up protection Curve B or C Circuit breaker gG - gL fuse Commonte			
Curve B or C Circuit breaker		А	≤ 125
gG - gL fuse		А	≤ 160
Comments			
Mechanical characteristics			
Dimensions	H x W x D	mm	88x53.4x69.4
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	450
Response time		ns	<25
Fire resistance according to UL 94			V-0
Replacement cartridges			
Phase / Product ID	OVR T2 80-275s C	QS	2CTB815708R2600
Neutral / Product ID	-		-









DIAGRAM

