

Type	T2
	I_{max} : 40 kA
	U_p : 1,8 kV
System	TNS : 400/690 V IT : 230/400 V
	IEC 61643-11 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.

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

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

They have a low residual voltage U_p 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.

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



CHARACTERISTICS	Key characteristics		
	Protection mode		L-PE/N-PE
	Number of protected lines		4
	Test class		II
	Integrated thermal disconnecter		Yes
	End of life indicator		Yes
	Safety reserve		No
	Electrical characteristics		
	Nominal discharge current	I _n (8/20) kA	20
	Maximal discharge current	I _{max} (8/20) kA	40
	Impulse current	I _{imp} (10/350) kA	2
	Maximal continuous operating voltage	U _c V	440
	Type of current / frequency	Hz	a.c. 47-63
	Voltage protection level at I _n	U _p (L-PE) kV	1,8
	Voltage protection level at I _n	U _p (L-N) kV	-
	Voltage protection level at I _n	U _p (N-PE) kV	1,8
	Short circuit withstand	I _{SCCR} kA	100
	Total current	I _{TOTAL} kA	160
	Follow current interrupted	I _{fi} kA	- / -
	Ground residual current	I _{PE} µA	< 210
	TOV withstand (L-N : 5s / N-PE : 200 ms)	U _T V	581 / -
	Voltage Combination Wave	U _{oc} kV	20
	Required thermal/back up protection		
	Curve B or C Circuit breaker	A	≤ 125
	gG - gL fuse	A	≤ 125
	Comments		
	Mechanical characteristics		
	Dimensions	H x W x D mm	95 x 71.2 x 58
	Wire range : Solid wire	mm ²	2.5...25
	Wire range : Stranded wire	mm ²	2.5...16
Stripping length	mm	12.5	
Packing quantities	piece	Per 1	
Miscellaneous characteristics			
Maximal altitude	m	2000	
Weight	g	480	
Response time	ns	< 25	
Fire resistance according to UL 94		V-0	
Replacement cartridges			
Phase / Product ID	OVR T2 40-440 C QS	2CTB803876R0400	
Neutral / Product ID	OVR T2 40-440 C QS	2CTB803876R0400	

