

OVR T2 3L 40 400/690 P

2CTB803853R4500

EAN : 3660308515629

FR : 515629

07/11/2017

Type

T2

I_{max} : 40 kA

Up : 2,9 kV

System

TNC : 400/690 V
IT : 230/400 VIEC 61643-1
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 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.

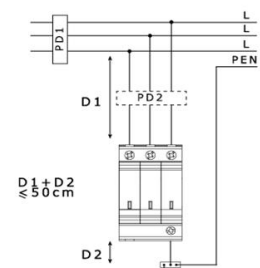
- Din rail mounting
- Pluggable
- Excellent technical features
- Improved safety
- Pro M compact design
- Back up protection up to 50 A Fuse or Mcb



CHARACTERISTICS

Key characteristics			
Protection mode			-
Number of protected lines			3
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	15
Maximal discharge current	I _{max} (8/20)	kA	40
Impulse current	I _{imp} (10/350)	kA	-
Maximal continuous operating voltage	U _c	V	440
Maximal continuous operating voltage d.c	U _{c d.c}	V	-
Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at I _n	U _p (L-PE)	kV	2,9
Voltage protection level at I _n	U _p (L-N)	kV	-
Voltage protection level at I _n	U _p (N-PE)	kV	-
Short circuit withstand	I _{SCCR}	kA	50
Total current	I _{TOTAL}	kA	-
Follow current interrupted	I _n	kA	- / -
Ground residual current	I _{FE}	μA	< 320
TOV withstand (L-N : 5s / N-PE : 200 ms)	U _T	V	911 / -
Voltage Combination Wave	U _{OC}	kV	20
Required thermal/back up protection			
Curve B or C Circuit breaker	A		≤ 50
gG - gL fuse	A		≤ 50
Comments			
Mechanical characteristics			
Dimensions	H x W x D	mm	88 x 53.4 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 40-400/690 C		2CTB803854R1100
Neutral / Product ID	-		-

INSTALLATION



DIAGRAM

