OVR T2 3N 80-440s P TS QS 2CTB815708R3700

EAN: 3660308525581 FR: B752558

19/11/2016

Type

T2

Imax: 80 kA

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 $8/20\mu s$ 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.

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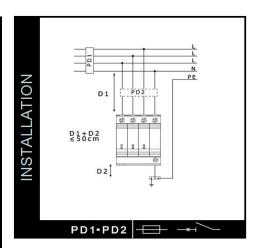
Up: 1,8 kV System

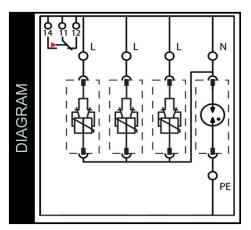
TT/TN-S: 400/690 V

IEC 61643-11 EN 61643-11 Din rail mounting

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

Key characteristics			L-N/L-PE/N-PE
Protection mode			
Number of protected lines			4
Test class			II Van
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	I _{imp} (10/350)	kA	6,25
Maximal continuous operating voltage	Uc	V	440
Maximal continuous operating voltage d.c	U c d.c	V	<u>-</u>
Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at In	U _P (L-PE)	kV	2,1
Voltage protection level at In	<i>U</i> _P (L-N)	kV	1,8
Voltage protection level at In	U _P (N-PE)	kV	2
Short circuit withstand	/sccr	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	581 / 1200
Voltage Combination Wave	Uoc	kV	-
Required thermal/back up protection			
Curve B or C Circuit breaker		Α	≤ 125
gG - gL fuse		Α	≤ 160
Comments			
Mechanical characteristics			
Dimensions	HxWxD	mm	95x71.2x69.4
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	600
Response time		ns	<25
Fire resistance according to UL 94			V-0
Replacement cartridges			

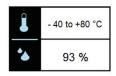






Phase / Product ID

Neutral / Product ID





OVR T2 80-440s C QS



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