OVR T1-T2 2L 12.5-440s P TS QS 2CTB815710R3400

EAN: 3660308526816 FR: B752681

09/11/2016

Type

T1-T2

7 7

Imax : 80 kA limp : 12,5 kA

/

Up: 2 kV

Type 1 + 2 SPD's have characteristics of type 1 but also type 2, they are capable of discharging a very high lightning current (T1 $10/350\mu s$) and they have as well a low residual voltage (Up).

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

Because of their power, Type 1 + 2 SPD's can let pass through a too high residual voltage, if the announced Up is not compatible with the withstand voltage of the equipment to protect or if the cable length to the equipment is longer than 10m, another level of coordination with OVR T2-T3, OVR T3 will be needed.

Thanks to the patented Safety Reserve system, you can extend the lifespan of the installation plan maintenance to reduce downtime risk.

System

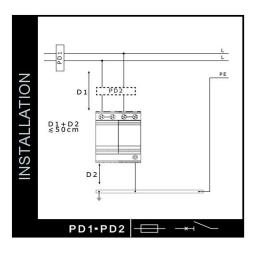
TN-C: 400/690 V IT: 230/400 V

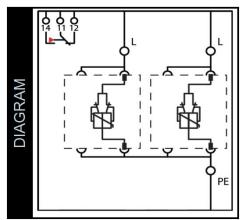


IEC 61643-11 EN 61643-11

- Patented QuickSafe ® technology
- Safety Reserve system
- Din rail mounting
- Pluggable
- Improved safety
- Back up protection up to 160 A Fuse or 125 A Mcb

Key characteristics			
Protection mode			L-PF
Number of protected lines			2
Test class			1-11
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	/ _{imp} (10/350)	kA	12,5
Maximal continuous operating voltage	Uc	V	440
Maximal continuous operating voltage d.c	U c d.c	V	560
Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at In	Up (L-PE)	kV	2
Voltage protection level at In	U _P (L-N)	kV	-
Voltage protection level at In	U _P (N-PE)	kV	-
Short circuit withstand	/sccr	kA	100
Total current	/TOTAL	kA	25
Follow current interrupted	/ fi	kA	-/-
Ground residual current	/PE	μΑ	<1000
TOV withstand (L-N: 5s / N-PE: 200 ms)	Uτ	V	581 / -
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	H x W x D	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			
DI /D I /ID	OVD T4 T0 40 F 440	0.00	20TD01F710DFF0

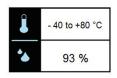






Phase / Product ID

Neutral / Product ID





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