OVR T2 N1 40-275s P TS QS 2CTB815704R0400

EAN: 3660308525246 FR: B752524

0/11/2016

Type

T2



Imax: 40 kA



Up: 1,4 kV

System

TT/TN-S: 230/400 V

Patented QuickSafe ® technology

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

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 sub-distribution board.

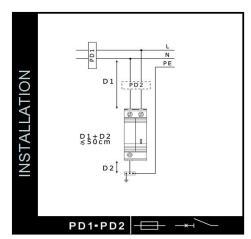
They have a low residual voltage Up often compatible with the withstand voltage of the equipment to protect.

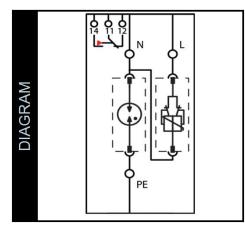
Thanks to the patented Safety Reserve system, you can extend the lifespan of the installation plan maintenance to reduce downtime risk.



IEC 61643-11 EN 61643-11

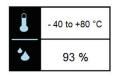
Key characteristics			1.11/1.05/11.05
Protection mode			L-N/L-PE/N-PE
Number of protected lines			2
Test class			<u> </u>
Integrated thermal disconnector			Yes
End of life indicator			Yes
Safety reserve			Yes
Electrical characteristics			
Nominal discharge current	In (8/20)	kA	20
Maximal discharge current	I _{max} (8/20)	kA	40
Impulse current	I _{imp} (10/350)	kA	2
Maximal continuous operating voltage	Uc	V	275
Maximal continuous operating voltage d.c	U C d.c	V	-
Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at In	U _P (L-PE)	kV	1,5
Voltage protection level at In	<i>U</i> _P (L-N)	kV	1,4
Voltage protection level at In	U _P (N-PE)	kV	1,4
Short circuit withstand	/sccr	kA	100
Total current	/TOTAL	kA	80
Follow current interrupted	/fi	kA	- / 0,1
Ground residual current	/PE	μΑ	<10
TOV withstand (L-N: 5s / N-PE: 200 ms)	Uτ	V	337 / 1200
Voltage Combination Wave	<i>U</i> oc	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	95x35.6x69.4
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	300
Response time		ns	<25
Fire resistance according to UL 94			V-0
Replacement cartridges			-
Phase / Product ID	OVR T2 40-275s C QS		2CTB815704R2600
i nase / i roduct iD	OVK 12 40-2705 C Q3		20100137041(2000







Neutral / Product ID





OVR T2 N 80-275s C QS



2CTB815708R2800





