OVR T1-T2 N 50-275s P QS 2CTB815710R2400

EAN: 3660308525024 FR: B752502

10/11/2016

Type

T1-T2

7 7

lmax : 100 kA limp : 50 kA

Up : 1,4 kV

System

TT/TN-S: 230/400 V



IEC 61643-11 EN 61643-11 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.



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

Rey characteristics N-PE					
Number of protected lines Test class		Key characteristics			N.DE
Test class Integrated thermal disconnector End of life indicator Safety reserve Electrical characteristics Nominal discharge current Maximal discharge current Impulse current Maximal continuous operating voltage Maximal continuous operating voltage Maximal continuous operating voltage Maximal continuous operating voltage Motage protection level at In Voltage protection level at In Voltage protection level at In Up (L-PE) WV - Voltage protection level at In Voltage protection level at In Up (N-PE) WV 1,4 Short circuit withstand Iscor Follow current interrupted In Ground residual current TOV withstand (L-N: 5s /N-PE: 200 ms) Ur Voltage Combination Wave Required thermal/back up protection Ure B or C Circuit breaker GG - gL fuse Comments Mechanical characteristics Dimensions Wire range: Solid wire Wire range: Solid wire Maximal altitude Maximal altitude Meight Response time Ins Replacement cartridges Phase / Product ID Ins RA Vol Replacement cartridges Phase / Product ID Ins RA Vol RA SO TOTAL R					
Integrated thermal disconnector					
End of life indicator					
Safety reserve		Integrated thermal disconnector			***
Selectrical characteristics Nominal discharge current In (8/20) kA 50		End of life indicator			
Nominal discharge current		Safety reserve			No
Maximal discharge current Imax (8/20) kA 100 Impulse current Impulse		Electrical characteristics			
Impulse current Imp (10/350) kA 50		Nominal discharge current	In (8/20)		50
Maximal continuous operating voltage Uc V 255 Maximal continuous operating voltage d.c Uc ac V - Type of current / frequency Hz a.c. 47-63 Voltage protection level at In Up (L-PE) kV - Voltage protection level at In Up (L-N) kV - Voltage protection level at In Up (N-PE) kV 1,4 Short circuit withstand Isccr kA 100 Total current In kA 50 Follow current interrupted In kA -0,1 Ground residual current IpE µA <10		Maximal discharge current	I _{max} (8/20)	kA	100
Maximal continuous operating voltage d.c Type of current / frequency Voltage protection level at In Short circuit withstand Isccr KA 100 Total current Follow current interrupted Ground residual current ToV withstand (L-N:5s/N-PE:200 ms) Voltage Combination Wave Voltage Combination Wave Uoc KV Required thermal/back up protection Curve B or C Circuit breaker GG-gL fuse Comments Mechanical characteristics Dimensions Wire range: Solid wire Wire range: Stranded wire Stripping length Packing quantities Maximal altitude Publication Note and a current Miscellaneous characteristics Maximal altitude Maximal al		Impulse current	/ _{imp} (10/350)		50
Type of current / frequency Voltage protection level at $\ln U_p$ (L-PE) Voltage protection level at $\ln U_p$ (L-N) Voltage protection level at $\ln U_p$ (N-PE) Not circuit withstand IsccR KA 100 Total current Follow current interrupted In Ground residual current ToV withstand (L-N: 5s / N-PE: 200 ms) Voltage Combination Wave Required thermal/back up protection Curve B or C Circuit breaker GG - gL fuse Comments Mechanical characteristics Dimensions H x W x D mm 88x17.8x69.4 Wire range: Solid wire Wire range: Stranded wire Mire range: Stranded wire Mire range: Stranded wire Mire length M		Maximal continuous operating voltage	Uc		255
Voltage protection level at In Voltage protection level at In U_p (N-PE) V_p (N-PE)		Maximal continuous operating voltage d.c	U c d.c		-
Voltage protection level at In U_p (L-N) V_p (L-N		Type of current / frequency		Hz	a.c. 47-63
Voltage protection level at In U_{p} (N-PE) kV 1,4 Short circuit withstand I_{SCCR} kA 100 Total current I_{TOTAL} kA 50 Follow current interrupted I_{fi} kA -/0,1 Ground residual current I_{PE} I_{fi} kA -/10 TOV withstand (L-N: 5s / N-PE: 200 ms) I_{PE} I_{fi} voltage Combination Wave I_{fi} I_{fi} voltage Combination Wave I_{fi}	2	Voltage protection level at In	U _P (L-PE)	kV	-
Short circuit withstand Total current Follow current interrupted Ground residual current TOV withstand (L-N:5s/N-PE:200 ms) Voltage Combination Wave Required thermal/back up protection Curve B or C Circuit breaker GG - gL fuse Comments Mechanical characteristics Dimensions H x W x D mm 88x17.8x69.4 Wire range: Solid wire Wire range: Stranded wire Stripping length Packing quantities Maiscellaneous characteristics Maximal altitude Meight Response time Fire resistance according to UL 94 Replacement cartridges Phase / Product ID TOTOV withstand I sccr KA 100 TOTOTAL KA 50 H x W x D MA 4 < 10 V	ت	Voltage protection level at In	U _P (L-N)	kV	-
Total current Follow current interrupted Follow current interrupted Follow current interrupted Follow current interrupted Follow current Fol	$\dot{=}$	Voltage protection level at In	U _P (N-PE)	kV	1,4
Comments Mechanical characteristics	\mathbb{S}	Short circuit withstand	/sccr	kA	100
Comments Mechanical characteristics	$\stackrel{\sim}{\sim}$	Total current	/TOTAL	kA	50
Comments Mechanical characteristics	#	Follow current interrupted	/ fi	kA	- / 0,1
Comments Mechanical characteristics Dimensions Mire range: Solid wire Wire range: Stranded wire Wire range: Stranded wire Stripping length Packing quantities Maximal altitude Miscellaneous characteristics Maximal altitude Meight Response time Fire resistance according to UL 94 Replacement cartridges Phase / Product ID Menuments Max W x D mm 88x17.8x69.4 mm² 2.5 35 mm² 2.5 25 price Per 1 Miscellaneous characteristics m 2 000 Meight g 150 Response time v-0 Replacement cartridges Phase / Product ID		Ground residual current	/PE	μΑ	<10
Comments Mechanical characteristics Dimensions Mire range: Solid wire Wire range: Stranded wire Wire range: Stranded wire Stripping length Packing quantities Maximal altitude Miscellaneous characteristics Maximal altitude Meight Response time Fire resistance according to UL 94 Replacement cartridges Phase / Product ID Menuments Max W x D mm 88x17.8x69.4 mm² 2.5 35 mm² 2.5 25 price Per 1 Miscellaneous characteristics m 2 000 Meight g 150 Response time v-0 Replacement cartridges Phase / Product ID	ی	TOV withstand (L-N: 5s / N-PE: 200 ms)	U T	V	- / 1200
Comments Mechanical characteristics Dimensions Mire range: Solid wire Wire range: Stranded wire Wire range: Stranded wire Stripping length Packing quantities Maximal altitude Miscellaneous characteristics Maximal altitude Meight Response time Fire resistance according to UL 94 Replacement cartridges Phase / Product ID Menuments Max W x D mm 88x17.8x69.4 mm² 2.5 35 mm² 2.5 25 price Per 1 Miscellaneous characteristics m 2 000 Meight g 150 Response time v-0 Replacement cartridges Phase / Product ID	Þ	Voltage Combination Wave	<i>U</i> oc	kV	-
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Comments Mechanical characteristics Dimensions Mire range: Solid wire Wire range: Stranded wire Stripping length Packing quantities Maximal altitude Meight Response time Fire resistance according to UL 94 Replacement cartridges Phase / Product ID Mischaracteristics Max W x D mm 88x17.8x69.4 mm² 2.535 mm² 2.525 Stripping length mm 12.5 Per 1 Miscellaneous characteristics m 2 000 Meight g 150 Response time y-0 Replacement cartridges Phase / Product ID	¥	Curve B or C Circuit breaker		Α	≤ 125
Mechanical characteristics Dimensions H x W x D mm 88x17.8x69.4 Wire range: Solid wire mm² 2.535 Wire range: Stranded wire mm² 2.525 Stripping length mm 12.5 Packing quantities piece Per 1 Miscellaneous characteristics m 2 000 Weight g 150 Response time ns <25	Н	gG - gL fuse		Α	≤ 160
Dimensions H x W x D mm 88x17.8x69.4 Wire range : Solid wire mm² 2.535 Wire range : Stranded wire mm² 2.525 Stripping length mm 12.5 Packing quantities piece Per 1 Miscellaneous characteristics m 2 000 Weight g 150 Response time ns <25	$: \)$	Comments			
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 m 2 000 Weight g 150 Response time ns <25		Mechanical characteristics			
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 150 Response time ns <25		Dimensions	HxWxD	mm	88x17.8x69.4
Wire range : Stranded wire mm² 2.5 25 Stripping length mm 12.5 Packing quantities piece Per 1 Miscellaneous characteristics m 2 000 Maximal altitude m 2 000 Weight g 150 Response time ns <25		Wire range : Solid wire		mm²	2.5 35
Stripping length mm 12.5 Packing quantities piece Per 1 Miscellaneous characteristics The second of th		•		mm²	2.5 25
Packing quantities piece Per 1 Miscellaneous characteristics But a control of the piece of		•		mm	12.5
Miscellaneous characteristics m 2 000 Maximal altitude m 2 000 Weight g 150 Response time ns <25				piece	Per 1
Maximal altitude m 2 000 Weight g 150 Response time ns <25		<u> </u>			
Weight g 150 Response time ns <25 Fire resistance according to UL 94 Replacement cartridges Phase / Product ID				m	2 000
Response time ns <25 Fire resistance according to UL 94 Replacement cartridges Phase / Product ID				q	150
Fire resistance according to UL 94 Replacement cartridges Phase / Product ID		•			<25
Replacement cartridges Phase / Product ID				•	V-0
Phase / Product ID					
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