OVR T2 40-275s P TS QS 2CTB815704R0000

EAN: 3660308525222 FR : B752522

Type

T2



Imax: 40 kA



Up: 1,4 kV

• Patented QuickSafe ® technology

voltage of the equipment to protect.

the power distribution network.

Imax, more powerful they are.

- Safety Reserve system
- Din rail mounting

distribution board.

- 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

They are characterized by an 8/20µs waveform (Imax). Higher is the

They are installed in the main distribution switchboard but also in sub-

They have a low residual voltage Up often compatible with the withstand

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





System

TT/TN-C/TN-S: 230 V



IEC 61643-11 EN 61643-11



Protection mode				
Test class II Integrated thermal disconnector Yes End of life indicator Yes Safety reserve Yes Yes Electrical characteristics Vaximum In (8/20) KA 20 Maximal discharge current In (8/20) KA 40 Impulse current Imp (10/350) KA 2 Maximal continuous operating voltage Uc V 275 Maximal continuous operating voltage Uc V 350 Type of current / frequency Hz a.c. 47-63 Voltage protection level at In Up (L-PE) KV 1,4 Voltage protection level at In Up (N-PE) KV 1,4 Voltage protection level at In Up (N-PE) KV 1,4 Follow current Interrupted In KA 40 Follow current Interrupted In				L-N/L-PE
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 Inp (10/350) KA 40 Impulse current Inp (10/350) KA 2 Maximal continuous operating voltage Uc V 275 Maximal continuous operating voltage Uc V 350 Type of current / frequency Hz a.c. 47-63 Voltage protection level at In Up (L-PE) kV 1,4 Voltage protection level at In Up (N-PE) kV 1,4 Voltage protection level at In Up (N-PE) kV - Short circuit withstand Isccr KA 100 Total current Interrupted In KA - /- Ground residual current Interrupted In V V 337 /- Voltage Combination Wave V V 337 /- Voltage Combination Wave V V 337 /- Required thermal/back up protection	Number of protected lines			1
End of life indicator Safety reserve Flectrical characteristics Nominal discharge current Maximal discharge current In (8/20) kA 40 Impulse current Imp	Test class			
Safety reserve Yes Electrical characteristics Nominal discharge current	Integrated thermal disconnector			
Nominal discharge current In (8/20) KA 20	End of life indicator			
Nominal discharge current I_n (8/20) kA 20 Maximal discharge current I_{max} (8/20) kA 40 Impulse current I_{lmp} (10/350) kA 2 Maximal continuous operating voltage U_c V 275 Maximal continuous operating voltage d.c U_{cac} V 350 Type of current / frequency HZ a.c. 47-63 Voltage protection level at I_n U_p (L-PE) kV 1,4 Voltage protection level at I_n U_p (L-N) kV 1,4 Voltage protection level at I_n U_p (N-PE) kV -Short circuit withstand I_p (N-PE) kV -Short circuit withstand I_p (N-PE) kV -Short circuit metrupted I_n I_p (N-PE) kA 40 Follow current interrupted I_n kA 40 Follow current interrupted I_n kA 40 Follow current interrupted I_n kA 40 Follow current I_p kA 40 ToV withstand (L-N : 5s / N-PE : 200 ms) I_p V 337 / Voltage Combination Wave I_p Required thermal/back up protection	Safety reserve			Yes
Maximal discharge current I_{max} (8/20) KA 40 Impulse current I_{limp} (10/350) KA 2 Maximal continuous operating voltage Uc V 275 Maximal continuous operating voltage d.c U_{cde} V 350 Type of current / frequency U_{cde} V 350 Type of current / frequency U_{cde} V 1,4 Voltage protection level at In U_{p} (L-PE) KV 1,4 Voltage protection level at In U_{p} (N-PE) KV 1,4 Voltage protection level at In U_{p} (N-PE) KV 1,4 Voltage protection level at In U_{p} (N-PE) KV 1,4 Follow current / ITOTAL KA 40 Follow current interrupted U_{cde} In U_{cde} KA 1000 Total current U_{cde} In U_{cde} V 350 U_{cde} V 350 U_{cde} V 350 U_{cde} V 370 U_{cde} V 377 U_{cde} V 377 U_{cde} V 377 Voltage Combination Wave U_{cde} V 377 U_{cd	Electrical characteristics			
Impulse current I_{Imp} (10/350) kA 2 Maximal continuous operating voltage U_{C} V 275 Maximal continuous operating voltage U_{C} V 350 Type of current / frequency Hz a.c. 47-63 Voltage protection level at I_{I} V 0/14,4 Voltage protection level at I_{I} Up (L-PE) kV 1,4 Voltage protection level at I_{I} Up (L-N) kV 1,4 Voltage protection level at I_{I} Up (N-PE) kV - Short circuit withstand I_{SCCR} kA 100 Total current I_{I} KA 40 Follow current interrupted I_{I} KA 40 For a 40 For a 40 For a 40 For a 55 / N-PE: 200 ms) Up (N-PE) D (N-P	Nominal discharge current	In (8/20)		
Maximal continuous operating voltage $U_{\rm C}$ V 275 Maximal continuous operating voltage d.c $U_{\rm C}$ d.c V 350 Type of current / frequency Hz a.c. 47-63 Voltage protection level at ln $U_{\rm P}$ (L-PE) kV 1,4 Voltage protection level at ln $U_{\rm P}$ (L-N) kV 1,4 Voltage protection level at ln $U_{\rm P}$ (N-PE) kV - Short circuit withstand $I_{\rm SCCR}$ kA 100 Total current $I_{\rm TOTAL}$ kA 40 Follow current interrupted $I_{\rm R}$ kA - /- Ground residual current $I_{\rm PE}$ $I_{\rm R}$ A < 1000 TOV withstand (L-N: 5s /N-PE: 200 ms) $I_{\rm TOTA}$ V 337 /- Voltage Combination Wave $I_{\rm TOC}$ kV - Required thermal/back up protection	Maximal discharge current	I _{max} (8/20)	kA	
Maximal continuous operating voltage d.c $U_{Cdc} \qquad V \qquad 350$ Type of current / frequency $V_{D_{C}} = V \qquad 350$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In $V_{D_{C}} = V \qquad 1.4$ Voltage protection level at In Voltage protecti		I _{imp} (10/350)		_
Type of current / frequency Voltage protection level at In	Maximal continuous operating voltage		•	
Voltage protection level at In U_P (L-PE) kV 1,4 Voltage protection level at In U_P (L-N) kV 1,4 Voltage protection level at In U_P (N-PE) kV - Short circuit withstand I_{SCCR} kA 100 Total current I_{TOTAL} kA 40 Follow current interrupted I_R kA -/- Ground residual current I_{PE} μA <1000 TOV withstand (L-N:5s/N-PE:200 ms) U_T V 337/- Voltage Combination Wave U_{OC} kV - Required thermal/back up protection	Maximal continuous operating voltage d.c	U C d.c		
Voltage protection level at $\ln U_p(L-N)$ kV 1,4 Voltage protection level at $\ln U_p(N-PE)$ kV - Short circuit withstand I_{SCCR} kA 100 Total current I_{TOTAL} kA 40 Follow current interrupted I_{fh} kA -/- Ground residual current I_{PE} μ A <1000 TOV withstand $I_{C-N}: S_S/N-PE: 200 \text{ ms}$) I_{TOTAL} voltage Combination Wave I_{TOTAL} voc kV - Required thermal/back up protection	Type of current / frequency		Hz	
Voltage protection level at In $U_P(N-PE)$ kV - Short circuit withstand I_{SCCR} kA 100 Total current I_{TOTAL} kA 40 Follow current interrupted I_R kA -/- Ground residual current I_{PE} μ A <1000 TOV withstand (L-N:5s / N-PE: 200 ms) U_T V 337 /- Voltage Combination Wave U_{CC} kV - Required thermal/back up protection	Voltage protection level at In	U _P (L-PE)		* *
Short circuit withstand Isccr KA 100	Voltage protection level at In	<i>U</i> _P (L-N)	***	
Total current Total current Footal current Foota	Voltage protection level at In	U _P (N-PE)	kV	
Follow current interrupted	Short circuit withstand	/sccr	kA	
Ground residual current IPE μA <1000	Total current	/TOTAL		
TOV withstand (L-N: 5s / N-PE: 200 ms)	Follow current interrupted	/fi		•
Voltage Combination Wave Uoc kV - Required thermal/back up protection	Ground residual current	I PE		
Required thermal/back up protection	TOV withstand (L-N: 5s / N-PE: 200 ms)	Uτ		337 / -
	Voltage Combination Wave	<i>U</i> oc	kV	-
Curve B or C Circuit breaker A ≤ 125	Required thermal/back up protection			
	Curve B or C Circuit breaker		Α	≤ 125
gG - gL fuse A ≤ 160	gG - gL fuse		Α	≤ 160
Comments	Comments			
Mechanical characteristics	Mechanical characteristics			
Dimensions H x W x D mm 95x17.8x69.4	Dimensions	H x W x D	mm	95x17.8x69.4
Wire range: Solid wire mm ² 2.5 35	Wire range : Solid wire		mm²	2.5 35
Wire range: Stranded wire mm² 2.5 25	Wire range : Stranded wire		mm²	2.5 25
Stripping length mm 12.5	Stripping length		mm	12.5
Packing quantities piece Per 1	Packing quantities		piece	Per 1
Miscellaneous characteristics	Miscellaneous characteristics			
Maximal altitude m 2 000	Maximal altitude		m	
Weight g 150	Weight		g	
Response time ns <25	Response time		ns	
Fire resistance according to UL 94 V-0	Fire resistance according to UL 94			V-0
Replacement cartridges	Replacement cartridges			
Phase / Product ID OVR T2 40-275s C QS 2CTB815704R2600	Phase / Product ID	OVR T2 40-275s C QS		2CTB815704R2600
Neutral / Product ID	Neutral / Product ID			-

















