OVR PV 40-1500H P U 2CTB802340R4200

FR : B752482

EAN: 3660308524829

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Type

UL : Type 1 CA IEC : Type 2



the Panel and the PV Inverter. Higher is the Imax, more powerful they are.

They are installed inside the string/combiner boxes but inside near the

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residual voltage (Up), which is compatible with the withstand voltage of

Type 1 UL (Type 2 IEC) PV SPD's have characteristics of type 2, they are

capable of discharging indirect lightning strikes causing induced or conducted overvoltages generally from earth to the Panel they have a low

If the announced residual voltage (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 another OVR PV T2 will be needed.

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Up: 4,2 kV

System

PV: 1500 V d.c



EN 50539-11 UL 1449 4 ed

- Certified to lastest UL 1449 4ed and according to EN 50539-11
- No back up protection required up to Iscpv/SCCR: 10 kA
- Bottom wiring
- Patented QuickSafe technology
- 3 MOV varistors (L+/L-; L+/PE; L-/PE)

	Key characteristics			
CHARACTERISTICS	Protection mode			L-L/L-PE
	Number of protected lines			2
	Test class			II / 1 C.A
	Integrated thermal disconnector			Yes
	End of life indicator			Yes
	Safety reserve			No
	Electrical characteristics			
	Nominal discharge current	In (8/20)	kA	10
	Maximal discharge current	I _{max} (8/20)	kA	40
	Impulse current	/ _{imp} (10/350)	kA	2
	Maximal continuous operating voltage	U CPV (L-L)	V	1500
	Maximal continuous operating voltage according	● MCOV	V	1500
	Voltage protection level at In	U _P (L-PE)	kV	4,2
	Voltage protection level at In	<i>U</i> _p (L-L)	kV	4,2
	Voltage protection rating according	VPR (L+/G, L-/G, L+/L) kV	4/4/4
	Short circuit current	/scpv	kA	10
	Short circuit withstand according	Sccr	kA	10
	Ground residual current	/PE	μΑ	< 1000
	Required thermal/back up protection			
	Curve B or C Circuit breaker		Α	-
	gG - gL fuse		Α	-
	Comments If Iscpv > 10kA : 10A g PV			
	Mechanical characteristics			
	Dimensions	HxWxD	mm	88x53.4x58
	Wire range : Solid wire		mm ² / AWG	2.5 35 / 214
	Wire range : Stranded wire		mm² / AWG	2.5 25 / 414
	Stripping length		mm / inch	12.5 / 0.5
	Packing quantities		piece	Per 1
	Miscellaneous characteristics			
	Maximal altitude		m / ft	2 000 / 6 562
	Weight		g/lb	360 / 0.75
	Response time		ns	< 25
	Fire resistance according to UL 94		-	V-0
	Replacement cartridges			
	Phase / Product ID	OVR PV 40-1500H C U		2CTB802349R1700
	Neutral / Product ID	-		=
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