

Models	String Box
GENERAL	
Max input current	16 x 9A
Max output current	144A
Max voltage	880Vdc
Input screw	16+16 screw terminals
Output screw	2 bus bar
Protection level	IP65
Operating temperature	-20°C ÷ 45°C
Insulation	2500Vac between power and control
PROTECTION	
Overtoltage discharger	type 2, 1000V max., 40KA (total 8/20µs), 12.5KA (nominal 8/20µs), 25KA (max. 8/20µs), configuration with three varistors, auto protected with fuse, monitored
General output switch	4x160A (ABB T1D 160 PV)
String fuse	12A 900Vdc 10×38
Auxiliary power fuse	4A 500Vac 10×38
OUTPUT RELAYS	
No. of relays	2
Contact	di scambio libero da potenziale, max. 2A, max. 220Vdc / 250Vac, max. 60W /62.5VA resistance < 35 mΩ
Insulation	1000Vac
COMMUNITACION	
Standard	1 x RS232 (DB9 female), 1 x RS485 (RJ45 + terminals), expansion communication slot
Speed	9600bps
Insulation	2500Vac x 1 min. (232 and 485), Slot non-isolated
Addressing	from 1 to 127 String Box through micro interruptor Dip-Switch
MECHANICAL DATA	
Dimensions (WxDxH)	590x260x700mm
Weight	25Kg
COMPLIANCE	
Compliance	LV Directive 2006/95EC; EMC Directive 2004/108/EC