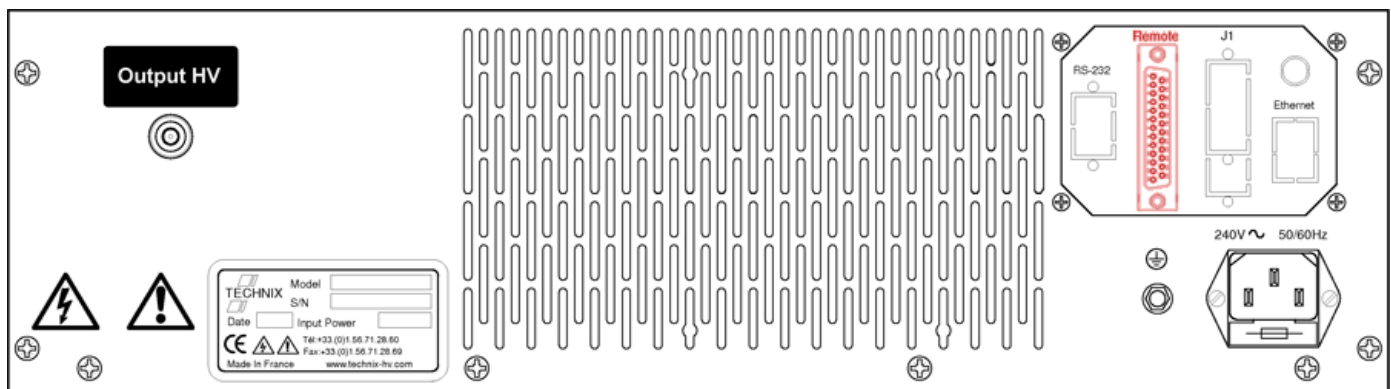


Application note

0-10V 25 POINTS REMOTE INTERFACE

From september 2011, all our units are delivered in standard with a 25 pins SubD connector 0-10 V Remote interface.

Remote 25 pts	Signal	Signal Description	Way
1	HV Off Control	produced by a fleeting opening to the ground (pin16)	Input
2	Fault Monitor	Fault information 0V = Fault ; +15V = no default	Output
3	Interlock Monitor	Open Interlock information 0V = open; +15V= Closed	Output
4	HV On Control	produced by a fleeting closure to the ground (Pin16)	Input
5	Voltage Monitor *	0 to 10 V = 0 to 100% of output voltage	Output
6	Current Monitor *	0 to 10 V = 0 to 100% of output current	Output
7	Inhibit Control	Activated by a TTL or a CMOS signal (5V to 24V)	Input
8	Remote Control	Activate when this pin is connected to ground (Pin16)	Input
9	NC		
10	Mains Monitor	0V = Mains is correct ; +15V** = Mains is not correct	Output
11	Power Monitor * (only on LPR model)	0V to 10V = 0 to 100% of the Output Power (only on LPR model)	Output
12	Copy of Local Voltage Setting	0-10 V copy of the Voltage setting selected with the front panel potentiometer	Output
13	Copy of Local Current Setting	0-10 V copy of the Current setting selected with the front panel potentiometer	Output
14	Current Setting	Output current setting 0 to 10 V = 0 to 100%	Input
15	+10V Reference	+10, V, 5 mA Max	Output
16	0V Digital Ground Ref.	0V Ground reference for digital signals	Output
17	Voltage setting	Output voltage setting 0 to 10V = 0 to 100%	Input
18	CCR: End of Charge Monitor SR: Regulation Monitor	CCR: 15V – 10mA max = End of Charge SR: 0V = Current Regulation , +15V** = Voltage Regulation	Output
19	HV On Monitor	0V = HV off ; +15V = HV on	Output
20	0V Analog. Ground Ref.	0V Ground reference for Analog signals	Output
21-22-23	NC		
24	Interlock Control	Interlock order : Connect this pin to Digital Ground (pin 16) for closing Interlock	Input
25	+10V Reference	+10, 5 mA Max	Output



Example of 25 points 0-10V analog remote for 3HU model