

DIN Rail PS 4-CH LD211

The LD211 is a power supply for LED with 4 channel of up to 1A each continuous or strobe. The LD211 is an economical power source that is available with RS232 communication or POT intensity control. The RS232 unit comes with a GUI Graphical User Interface for current and timing output control. The LD211 is easy mountable into an existing electrical panel DIN rail. TTL trigger input is available for strobe capability.

Features:

- DIN Rail mountable
- RS232 communication
- 4 Channel at up to 1Amp continuous
- +24VDC Standard power input

Benefits:

- Easy to integrate on an existing electrical panel
- Intensity controllable by computer
- Affordable and simple solution for LED intensity ctrl



Model shown: RS232 intensity control

Electrical Specifications:

Parameters	Value	Unit
Power input voltage	24	VDC
Power input current (maximum)	4	A
Output current per channel	1	A
Output voltage	24	VDC
Trigger input voltage min.	5	V
Trigger input current	4-8	mA

Timing Characteristics:

Parameters	Value	Unit
Maximum light output rise time	25	µsec
Maximum control input frequency	10	kHz

Mechanical Specifications:

Parameters	Value	Unit
Width	3.970 [100.84]	Inch [mm]
Height	3.030 [76.96]	Inch [mm]
Thickness	1.730 [43.94]	Inch [mm]
Weight	100	g

Environmental Specifications:

Parameters	Value	Unit
Operating Temperature	0 to 40	°C
Operating Humidity (non-condensing)	10 to 70	%
Storage Temperature	-10 to 60	°C
Storage Humidity (non-condensing)	10 to 70	%

Connector pin-out, P1

Pin #	Signal	Description	Pin#	Signal	Description
1	+24VDC	PWR Input	8	CHD+	Channel D positive
2	+0VDC	PWR Input	9	CHC-	Channel C negative
3	SHIELD	Chassis GND	10	CHC+	Channel C positive
4	TRIN	Trigger IN	11	CHB-	Channel B negative
5	+THERM	Thermistor input	12	CHB+	Channel B positive
6	-THERM	Thermistor input	13	CHA-	Channel A negative
7	CHD-	Channel D negative	14	CHA+	Channel A positive