

LED Power and Data Supply Panel - LEDPDS-P Series

Function

Aquashi LED Power and Data supply panel is used to supply power and data for DMX controlled LED lights.

DMX splitters equally divide power and data for each light enabling a clean DMX signal for up to 16 lights. Panel enclosure is suitable for indoor or outdoor use.

Includes circuit breaker with fuse over current circuit protection. Fan and power indication LED.



Specifications

Power

240W/ 480W

Supply Voltage

115-230V AC, 50Hz - 60Hz

Output Voltage

12-24V DC

Enclosure material

Fibreglass reinforced Polyester, RAL7032 colour

Mounting Plate

Hot dip galvanized steel sheet

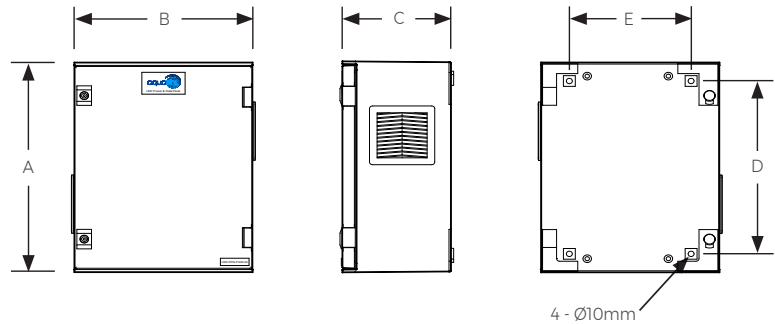
Protection Rating:

IP 55, IK10

Electrical Standards:

IEC62208 Standard

CE approved




Model No.	Description	Output Voltage	Power	no. of Splitter	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
LEDPDS-P240-12	240W LED Power & Data Panel - 12V DC	12V DC	240W	1	530	430	200	425	325
LEDPDS-P480-12	480W LED Power & Data Panel - 12V DC	12V DC	480W	2	647	436	250	525	325
LEDPDS-P240-24	240W LED Power & Data Panel - 24V DC	24V DC	240W	1	430	330	200	325	225
LEDPDS-P480-24	480W LED Power & Data Panel - 24V DC	24V DC	480W	2	530	430	200	425	325

* Custom Power and Data supply panel available by request

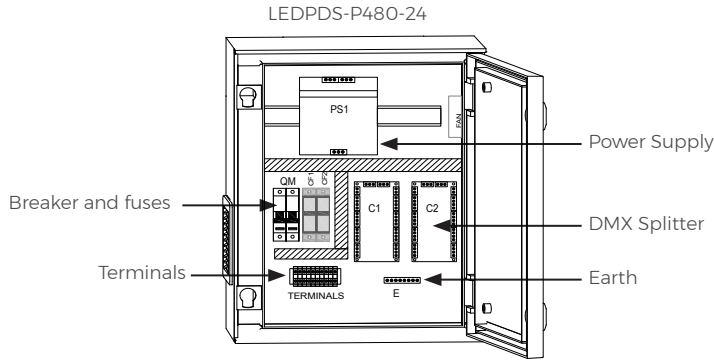
Notes

1. For use with DMX controlled LED lights.
2. LED light Power cable size and length shall be selected according to voltage drop calculation.
3. Data cable shall not exceed 50m length from panel to LED light fixture. Contact Aquashi for custom requirement.
4. Wiring shall be done by a qualified electrician. Ensure data cables are terminated securely.
5. Data cable shall be isolated from power cables.
6. Ensure LEDPDS panel is earthed.
7. Data cable wired into power output may damage LED light fixtures and will void the product warranty.

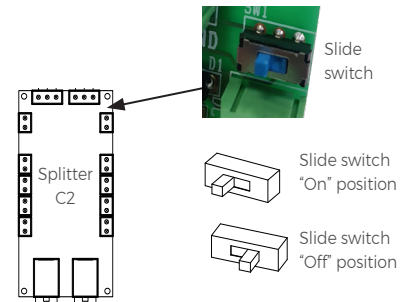
LED Power and Data Supply Panel	LEDPDS-P Series	Model No. LEDPDS-P	Rev. 2	
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LEDPDS Parts

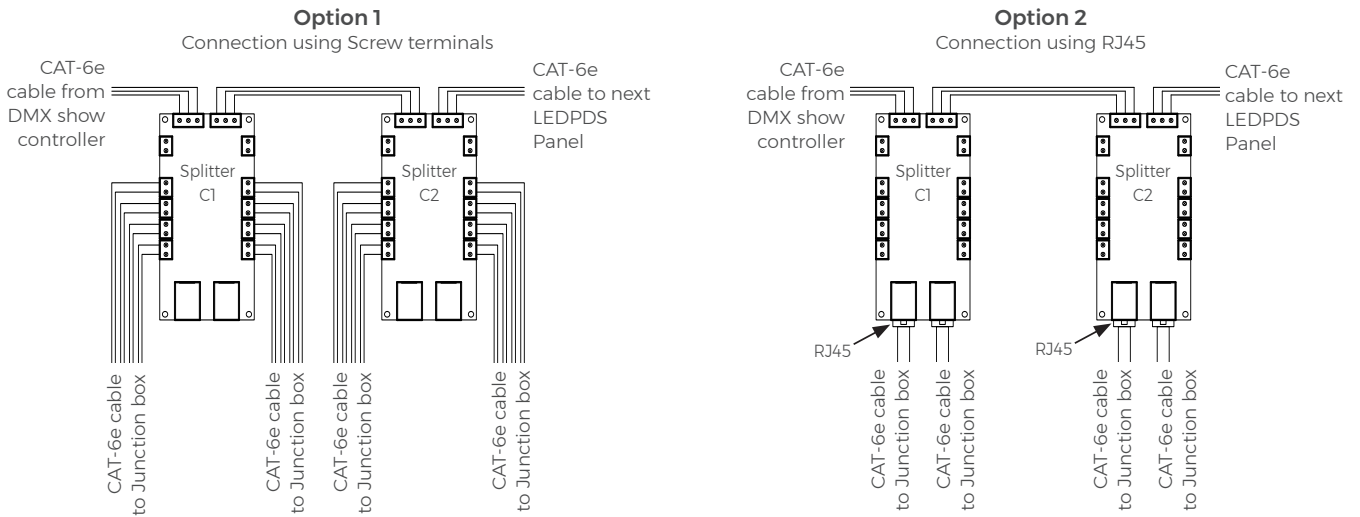


DMX Splitter 120Ω Termination switch

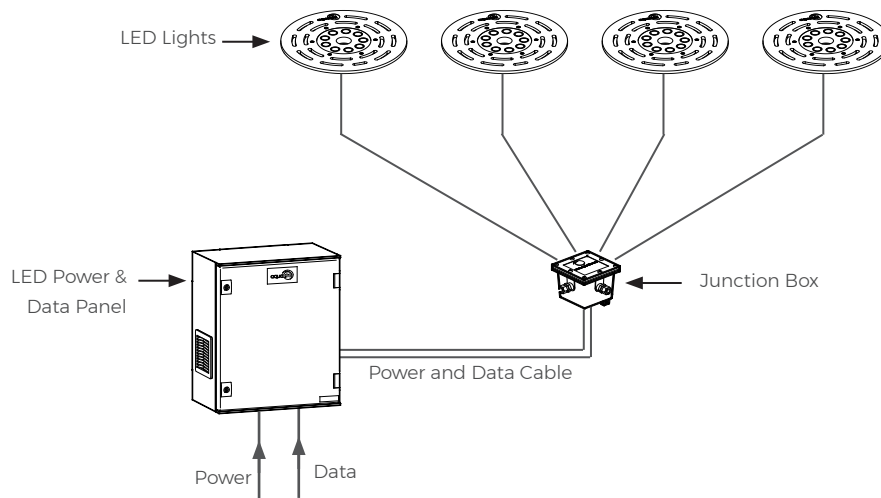


** 120Ω termination switch must be on "Off" position for the last DMX splitter of the last LEDPDS panel in DMX network.

DMX Splitter connection for DMX controlled lights



Typical Electrical Wiring



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