

Power Connection:

- (1) Usually, one power cable is connected to one row or one column LED panels, LED panel can be cascade connected one by one.
- (2) PDV09 use five-cores power cable AC 380V 32A for input (included three Live lines, one Neutral line and one Earth line), it can be cascaded to next one.
- (3) The maximum output is AC 220V 16A each output port which from PDV to LED screen, but we suggest its power load not much than AC 220V 10A.
- (4) Balance the three phases power supply for the LED screen as possible when it working.

⚠ Point Out : As experience before, the single power screens, such as IDsn, ODsn and so on, each power cable connected no more than 15 LED panels; and, the dual power LED panel, such as BATn10, each power cable connected no more than 8 LED panels.

⑦ Attention

- (1) Don't plug or unplug when it works with charged, make sure the voltage of inputs and outputs are normally before use.
- (2) The maximum output of each phase no more than 32A in all, and one port's output can not be higher than 16A output of one output port can not be higher than 16A.
- (3) Balance the three phase power as possible when you use it.



Lighting the World Lighting Your Dream

【SDV divider manual】



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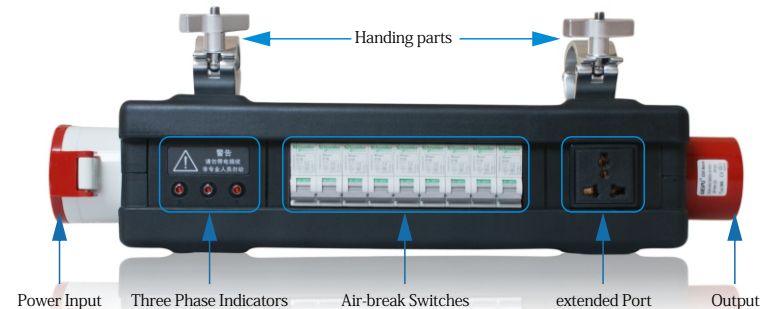
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① Brief Introduction

PDV09 is a special power supply device for LED screen which researched and developed by Glux company. it is famous for its safely and reliability, flexibility, convenient ,easy operating etc that makes it to be best choice for you for LED screen power supply. One PDV09 unit can bear maximally 21KW power output, and it works under 3 phase AC 380V 32A.

Stander input	Three phase AC 208V/380V 50/60Hz 32A, three phase 208V AC is United States Standard
Maximum output of one port	Single phase AC220V 16A
Phase domain	Phase A:PWR1~PWR3, Phase B: PWR4~PWR6, Phase C: PWR7~PWR9
Security certification	CCC/CE/ROHS/TUV

② Introduction of the Front



Power Input: Use 6mm five-cores power cable (included three Live lines ,one Neutral line and one Earth line), three phases AC 380V 32A input.

Extended Port: Single phase AC220 16A power supply socket.

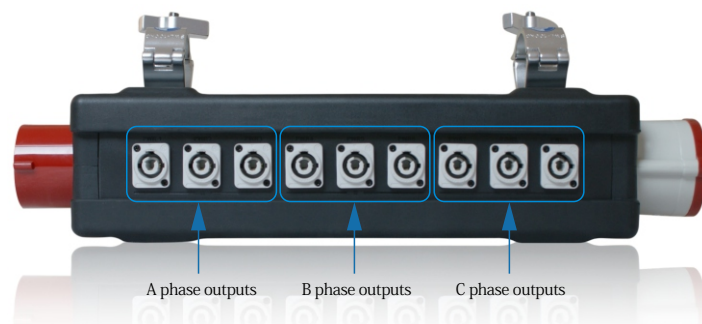
Air-break Switches: Nine 16A air-break switches control nine outputs respectively

Three Phase Indicators: The three indicators respectively indicate the phase A, phase B and phase C power status ,they are red if phase A, phase B and phase C power input normally, or please check the power input. You must inspect the input and outputs for the PDV power divider before you connect to the LED panels from the PDV. Strictly forbid to supply power for LED screen if you are not sure the three phase power input and outputs normally or not, otherwise it may damage the screen and power supply.

Output: main input Cascade to next PDV power divider. Normally, it only can be cascaded one more PDV power divider, in fact, it depends on the power consumption you actual use.

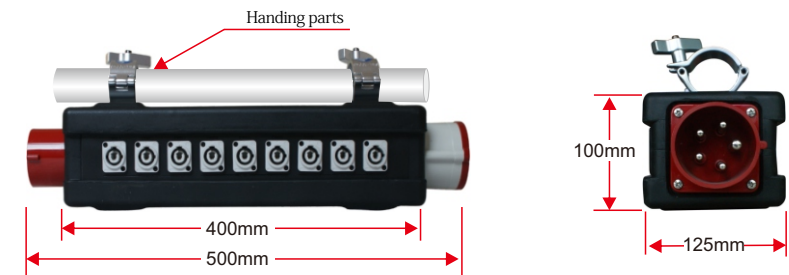
Handing parts: Make the PDV be convenient to install under some tubes or truss.

③ Introduction of the back

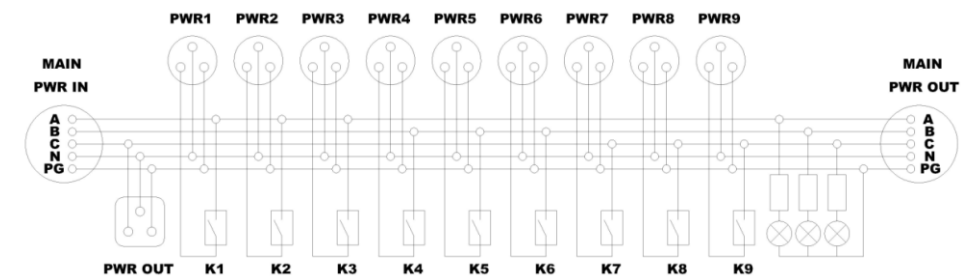


PDV09 has nine outputs in total, the phase A include PWR1-PWR3 output ports, the phase B include PWR4-PWR6 output ports, the phase C include PWR7-PWR9 output ports.The maximum power load is 2.3KW and AC 220V,10A each single output port.

④ Exterior,Size and Installation Instruction



⑤ Wiring Elementary Diagram of PDV09



⑥ Connection of PDV09 and LED Screen

