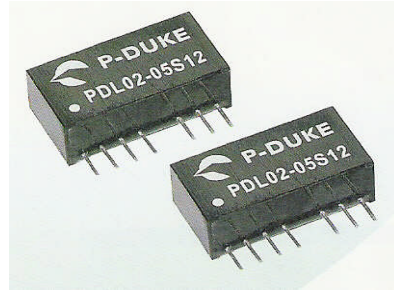


2 Watt DC-DC Converter, PDL02 Series, (Single & Dual Output).

- * 2:1 Wide Input Ranges
- * Capacitor Type Filter
- * Isolated & Regulated Output
- * Short Circuit Protection
- * Convection Cooled
- * Low Ripple & Noise
- * Miniature Single-in-Line Package
- * Remote on/off Control



Electrical Specification, All specifications are typical at nominal input, full load, and 25°C

Input Voltage Range : 5 Volts Nominal = 4.5 to 9 Volts, 12 Volts Nominal = 9 to 18 Volts
 24 Volts Nominal = 18 to 36 Volts, 48 Volts Nominal = 36 to 75 Volts

Input Filter.....Capacitor type Filter

Ripple & Noise (20MHz BW).....50mV P-P

Line Regulation (LL to HL @ Full Load).....+/-0.5%

Load Regulation (25 to 100% FL).....+/-0.75%

Temperature Coefficient.....+/-0.1% / °C

Short Circuit ProtectionContinuous, automatic recovery

Transient Response Recovery Time.....Single 25% Step Load Change = 500uS

Switching Frequency (Full Load to Min Load)...100 to 650 KHz

Isolation Voltage1000 VDC

Operating Temperature Range.....-40 to +85°C

Storage Temperature Range.....-55 to +105°C

CoolingFree Air Convection

MTBF5.107 x 10 to the 6 hrs

Case MaterialNon Conductive Black Plastic

Dimensions.....21.8 x 9.2 x 11.1mm

Single Output Models (Dual output units on next page).

Model Number	Input Range VDC	Output Voltage DC	Output Current Min Load	Output Current Max Load	Efficiency
PDL02-05S33	4.5~9	3.3	50 mA	500 mA	65%
PDL02-05S05	4.5~9	5	40 mA	400 mA	66%
PDL02-05S09	4.5~9	9	22 mA	222 mA	71%
PDL02-05S12	4.5~9	12	17 mA	167 mA	71%
PDL02-05S15	4.5~9	15	13 mA	134 mA	73%
PDL02-12S33	9~18	3.3	50 mA	500 mA	70%
PDL02-12S05	9~18	5	40 mA	400 mA	75%
PDL02-12S09	9~18	9	22 mA	222 mA	79%
PDL02-12S12	9~18	12	17 mA	167 mA	80%
PDL02-12S15	9~18	15	13 mA	134 mA	80%
PDL02-24S33	18~36	3.3	50 mA	500 mA	71%
PDL02-24S05	18~36	5	40 mA	400 mA	76%
PDL02-24S09	18~36	9	22 mA	222 mA	80%
PDL02-24S12	18~36	12	17 mA	167 mA	80%
PDL02-24S15	18~36	15	13 mA	134 mA	81%
PDL02-48S33	36~75	3.3	50 mA	500 mA	70%
PDL02-48S05	36~75	5	40 mA	400 mA	73%
PDL02-48S09	36~75	9	22 mA	222 mA	78%
PDL02-48S12	36~75	12	17 mA	167 mA	79%
PDL02-48S15	36~75	15	13 mA	134 mA	79%

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ALL PSU DATA SHEET.

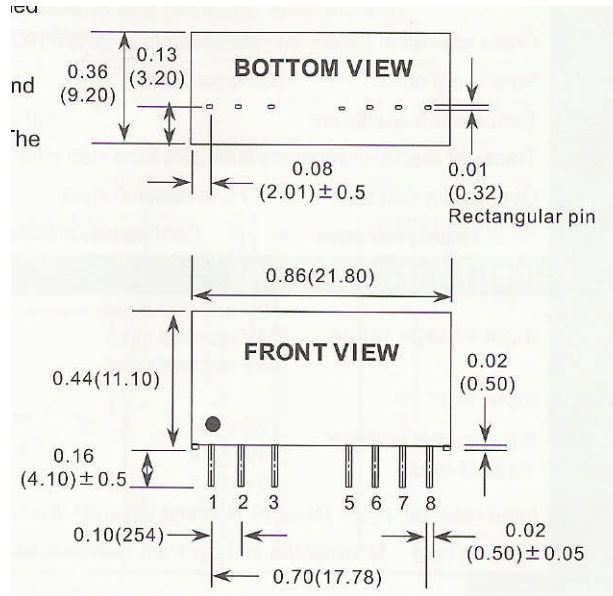
Cont ... 2 Watt DC-DC Converter, PDL02 Series.

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Dual Output Models.

MODEL	Input Range	Output Volts	Min Output Current	Max Output Current	Efficiency
PDL02-05D05	4.5~9	+/-5	+/-20mA	+/-200mA	66%
PDL02-05D12	4.5~9	+/-12	+/-8mA	+/-83mA	71%
PDL02-05D15	4.5~9	+/-15	+/-7mA	+/-67mA	71%
PDL02-12D05	9~18	+/-5	+/-20mA	+/-200mA	73%
PDL02-12D12	9~18	+/-12	+/-8mA	+/-83mA	78%
PDL02-12D15	9~18	+/-15	+/-7mA	+/-67mA	78%
PDL02-24D05	18~36	+/-5	+/-20mA	+/-200mA	75%
PDL02-24D12	18~36	+/-12	+/-8mA	+/-83mA	78%
PDL02-24D15	18~36	+/-15	+/-7mA	+/-67mA	80%
PDL02-48D05	36~75	+/-5	+/-20mA	+/-200mA	75%
PDL02-48D12	36~75	+/-12	+/-8mA	+/-83mA	77%
PDL02-48D15	36~75	+/-15	+/-7mA	+/-67mA	77%

Mechanical Drawing / Pin Out Connections.



Pin Number	Connection Single O/P	Connection Dual O/P
1	- V in	- V in
2	+ V in	+ V in
3	Remote on/off	Remote on/off
5	No Connection	No Connection
6	+ V out	+ V out
7	- V out	Output Common
8	NC	- V out

Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

*Further DC-DC Converters Are Available From 0.5 to 2400 Watts
Please Visit www.allpsu.co.uk Or Contact Sales Office For More Details.*

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