

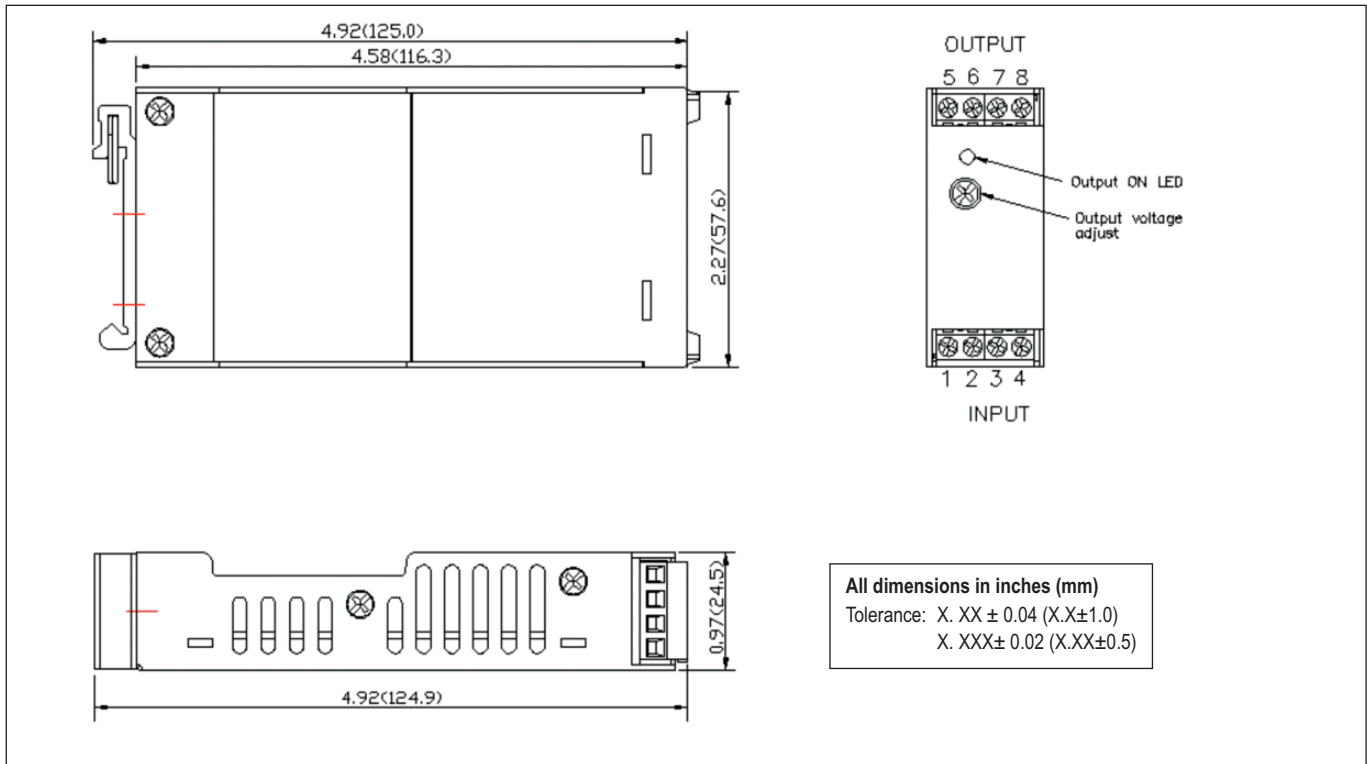


Notes

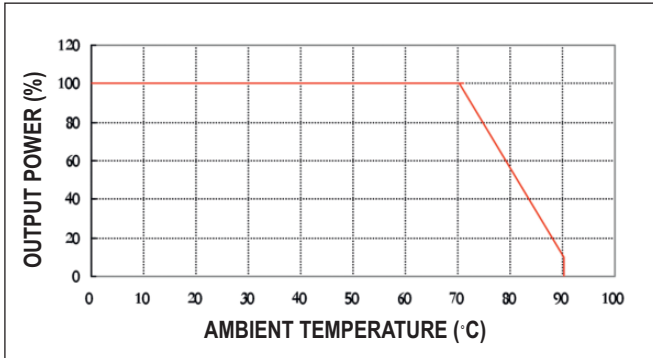
1. BELLCORE TR-NWT-000332. Case I: 50% Stress, Temperature at 40°C. MIL-HDBK-217F Notice2 @Ta=25°C, Full load(Ground, Benign, controlled environment).
2. The ON/OFF control pin voltage is referenced to -Vin. To order Negative logic ON/OFF control add the suffix -N (Ex:DPX30-48WS05-N), for Positive logic add suffix -P (Ex:DPX30-48NS05-P)
3. Typical value at nominal input voltage and full load.
4. Typical value at nominal input voltage and no load.
5. Maximum value at nominal input voltage and full load.
6. Test by minimum Vin and constant resistive load.
7. Single outputs have a potentiometer to adjust the output voltage.

Model Selector									
Model	Input Range	Output Voltage	Output Current Min Load	Output Current Full Load	Output (3) Ripple & Noise	Input Current No Load (4)	Input Current Full Load (5)	Eff. % (3)	Capacitor Load Max (6)
DPX30-24WS3P3	10 - 40 VDC	3.3 VDC	0mA	6000mA	60mVp-p	52mA	1031mA	84	19500µF
DPX30-24WS05	9.5 - 36 VDC	5 VDC	0mA	6000mA	75mVp-p	67mA	1563mA	84	10200µF
DPX30-24WS12	10 - 40 VDC	12 VDC	0mA	2500mA	100mVp-p	69mA	1563mA	84	3300µF
DPX30-24WS15	10 - 40 VDC	15 VDC	0mA	2000mA	100mVp-p	75mA	1543mA	85	1100µF
DPX30-24WD12	10 - 40 VDC	± 12 VDC	0mA	± 1250mA	100mVp-p	34mA	1623mA	81	±1000µF
DPX30-24WD15	10 - 40 VDC	± 15 VDC	0mA	±1000mA	100mVp-p	40mA	1603mA	82	±680µF
DPX30-48WS3P3	18 - 75 VDC	3.3 VDC	0mA	6000mA	60mVp-p	32mA	509mA	85	19500µF
DPX30-48WS05	18 - 75 VDC	5 VDC	0mA	6000mA	75mVp-p	32mA	762mA	86	10200µF
DPX30-48WS12	18 - 75 VDC	12 VDC	0mA	2500mA	100mVp-p	38mA	772mA	85	3300µF
DPX30-48WS15	18 - 75 VDC	15 VDC	0mA	2000mA	100mVp-p	48mA	762mA	86	1100µF
DPX30-48WD12	18 - 75 VDC	± 12 VDC	0mA	±1250mA	100mVp-p	28mA	791mA	83	±1000µF
DPX30-48WD15	18 - 75 VDC	± 15 VDC	0mA	±1000mA	100mVp-p	28mA	781mA	84	±680µF

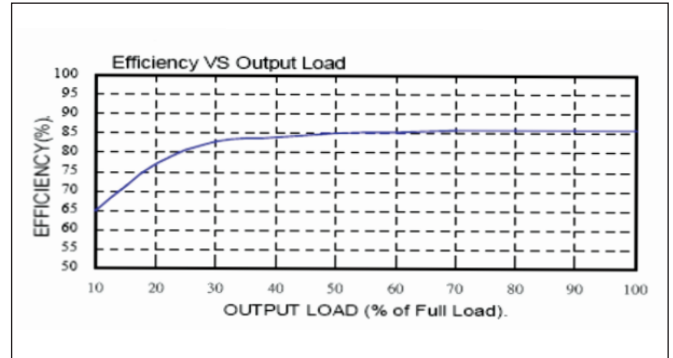
Outline Drawing DPX30W Series



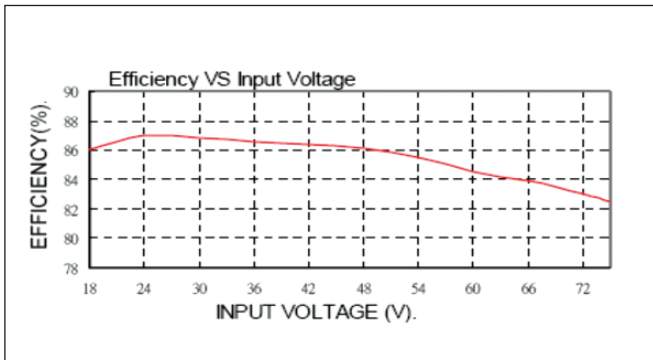
## Derating Curve DPX30-48WS05



## Efficiency / Load Curve DPX30-48WS05



## Efficiency / Input Curve DPX30-48WS05



### Pinout

PIN	Single	Dual
1	CTRL	CTRL
2	- Input	- Input
3	- Input	- Input
4	+ Input	+ Input
5	NC	NC
6	- Output	- Output
7	+ Output	Common
8	NC	+ Output

NC: No connection

Screw terminals - wire range from 14 to 18 AWG

### Options

Option	Suffix
Negative Logic Remote ON/OFF	- N
Positive Logic Remote ON/OFF	- P



**TDK-Lambda France SAS**

3 Avenue du Canada  
 Parc Technopolis  
 Bâtiment Sigma  
 91940 les Ulis  
 France  
 Tel: +33 1 60 12 71 65  
 Fax: +33 1 60 12 71 66  
[france@fr.tdk-lambda.com](mailto:france@fr.tdk-lambda.com)  
[www.fr.tdk-lambda.com](http://www.fr.tdk-lambda.com)



**Italy Sales Office**

Via Giacomo Matteotti 62  
 20092 Cinisello Balsamo (MI)  
 Italy  
 Tel: +39 02 61 29 38 63  
 Fax: +39 02 61 29 09 00  
[info.italia@it.tdk-lambda.com](mailto:info.italia@it.tdk-lambda.com)  
[www.it.tdk-lambda.com](http://www.it.tdk-lambda.com)



**Netherlands**

[info@nl.tdk-lambda.com](mailto:info@nl.tdk-lambda.com)  
[www.nl.tdk-lambda.com](http://www.nl.tdk-lambda.com)



**TDK-Lambda Germany GmbH**

Karl-Bold-Strasse 40  
 77855 Achern  
 Germany  
 Tel: +49 7841 666 0  
 Fax: +49 7841 5000  
[info.germany@de.tdk-lambda.com](mailto:info.germany@de.tdk-lambda.com)  
[www.de.tdk-lambda.com](http://www.de.tdk-lambda.com)



**Austria Sales Office**

Aredstrasse 22  
 2544 Leobersdorf  
 Austria  
 Tel: +43 2256 655 84  
 Fax: +43 2256 645 12  
[info@at.tdk-lambda.com](mailto:info@at.tdk-lambda.com)  
[www.de.tdk-lambda.com](http://www.de.tdk-lambda.com)



**Switzerland Sales Office**

Eichtalstrasse 55  
 8634 Hombrechlikon  
 Switzerland  
 Tel: +41 44 850 53 53  
 Fax: +41 44 850 53 50  
[info@ch.tdk-lambda.com](mailto:info@ch.tdk-lambda.com)  
[www.de.tdk-lambda.com](http://www.de.tdk-lambda.com)



**Nordic Sales Office**

Haderslevvej 36B  
 DK-6000 Kolding  
 Denmark  
 Tel: +45 8853 8086  
[info@dk.tdk-lambda.com](mailto:info@dk.tdk-lambda.com)



**TDK-Lambda UK Ltd.**

Kingsley Avenue  
 Ilfracombe  
 Devon EX34 8ES  
 United Kingdom  
 Tel: +44 (0) 12 71 85 66 66  
 Fax: +44 (0) 12 71 86 48 94  
[powersolutions@uk.tdk-lambda.com](mailto:powersolutions@uk.tdk-lambda.com)  
[www.uk.tdk-lambda.com](http://www.uk.tdk-lambda.com)



**TDK-Lambda Ltd.**

1 Alexander Yanai  
 Segula  
 Petah-Tikva  
 Israel  
 Tel: +9 723 902 4333  
 Fax: +9 723 902 4777  
[info@tdk-lambda.co.il](mailto:info@tdk-lambda.co.il)  
[www.tdk-lambda.co.il](http://www.tdk-lambda.co.il)



**C.I.S.**

**Commercial Support:**  
 Tel: +7 (495) 665 2627  
**Technical Support:**  
 Tel: +7 (812) 658 0463  
[info@tdk-lambda.ru](mailto:info@tdk-lambda.ru)  
[www.tdk-lambda.ru](http://www.tdk-lambda.ru)

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