

## DESCRIPTION

## PRODUCTS COVERED:

USL, CNL - Switching power supplies, Model DLP; followed by 75, 100, 120, 180, or 240; followed by -24, may be followed by -1; may be followed by suffix "/E, /EJ", may be followed by "CO". Model DLP, followed by 75 or 100; followed by -24, may be followed by -1; followed by C2, may be followed by suffix "/E, /EJ" may be followed by "CO".

USL, CNL - Switching power supplies, Model CY; followed by 307, 310, 312, 318, or 324; followed by -24; may be followed by suffix E.

## GENERAL:

These devices are open-type switching power supplies, employing an Isolating-Type, Step-down Transformer and related circuitry enclosed within a metallic cover. These power supplies are intended for use in industrial control applications, in a pollution degree 2 environment.

**Model DLP75/100 with suffix C2 are similar in construction to model DLP75/100 without suffix C2.**

## ELECTRICAL RATINGS:

## Electrical Ratings:

Model	Input, ac/dc		Output, ac/dc	
	V (ac)	Hz	A	V (dc) A
DLP75-24-1,	100-120	50/60	1.9	24 3.1
CY307	200-240	50/60	1.1	24 3.1
<b>DLP75-24-1/C2,</b>	<b>100-120</b>	<b>50/60</b>	<b>1.9</b>	<b>24</b> <b>2.5</b>
	<b>200-240</b>	<b>50/60</b>	<b>1.1</b>	<b>24</b> <b>2.5</b>
DLP100-24-1,	100-120	50/60	2.5	24 4.1
CY310	200-240	50/60	1.4	24 4.1
<b>DLP100-24-1/C2,</b>	<b>100-120</b>	<b>50/60</b>	<b>2.5</b>	<b>24</b> <b>3.7</b>
	<b>200-240</b>	<b>50/60</b>	<b>1.4</b>	<b>24</b> <b>3.7</b>
DLP120-24-1,	100-120	50/60	3.2	24 5
CY312	200-240	50/60	1.6	24 5
DLP180-24-1,	100-240	50/60	2.7	24 7.5
CY318				
DLP240-24-1,	100-240	50/60	3.5	24 10
CY324				
DLP240-24-1,	100-240	50/60	3.5	24 10
CY324				

**All models:**

Maximum Surrounding Air Temperature = 50°C at 100% load.

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

USL - Indicates Investigated To UL 508, Standard for Industrial Control Equipment.

CNL - Indicates Investigated To Canadian National Standard(s)  
C22.2 No. 14-M95.

Note: CNL = Canadian National Standards - Listed  
USL = United States Standards - Listed

## Nomenclature:

<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>	<u>V</u>	VI	
<b>DLP</b>	<b>75</b>	<b>-24</b>	<b>-1</b>	<b>/C2</b>	<b>E</b>	<b>CO</b>

## I Basic Model Designation

DLP	Original
CY	OEM

## II Output Power Rating

<u>DLP series</u>	<u>CY Series</u>	<u>Watts</u>
75	307	75
100	310	100
120	312	120
180	318	180
240	324	240

## III Output Voltage rating

-24	24 V DC
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## IV Version Number (optional)

**V C2 - Class 2 style (DLP75 & DLP100 only)****VI Terminal Style**

Blank	Standard
E	European Terminal
/E	European Terminal
/EJ	European Terminal

**VII Conformal Coating**

Blank	Not Provided
CO	Provided