

SLD Series -- 240W, 3 and 4 Channels**High Efficiency Switched-Mode Technology******Indoor/Outdoor ** Internal Output Dimming Control ** 277VAC Input Model******Input Specifications:**

Voltage Range: Model SLD240	Standard Input: 90-264 VAC
Voltage Range: Model SLDH240	277 Input: 221-332 VAC
Frequency Range:	47-63 Hz
Max Inrush Current:	50 A @ 230VAC Input, 25°C, cold start-up
EMI/RFI:	CISPR-22 Class B FCC part 15 Class B EN61000-3-2 (EMC)
Safety Agency:	UL/CUL 1310/1585 Class 2-Wet Locations, CE

Output Specifications:

Max Power:	240W (All Channels Combined)
Line Regulation:	+/- 1% Max
Voltage Mode Load Regulation:	+/- 5% Max. (Voltage Setting Adjustable via on-board pot: +5%/-25%)
Constant-Current (CC) Mode Regulation	+/- 3% Max. (Current Setting Adjustable via on-board pot: +5%/-90%)
Noise/Ripple	1% of Rated Output Volts (Note: All noise measurements made at the output terminals, connected to a 20Mhz low pass filter)
Efficiency:	80% Min @ full load, 230 VAC Input
Hold-up Time:	16mS @ full load, 100 VAC Input
Transient Response:	4mS, Full load to Half load, 100 VAC Input
Start-up Time:	1 sec. Typical
Over voltage Protection:	132% Max
Over-current Protection (OCP)	105% Max per channel (Hiccup-mode, Auto-Recovery upon removal of over-current condition.
Short Circuit Protection	Hiccup-Mode, Auto-Recovery upon removal of short circuit condition.

See Model Table on next page
For the various output voltage options

Environmental Specifications:

MTBF	100, 000 hours (Full Load @ 25C ambient, Based on MIL-217F)
Cooling:	Convection
Operating Temp.	-20°C to +70°C (Full Load)
Storage Temp.	-40°C to +85°C
Relative Humidity	5% to 95% non-condensing

Mechanical:

Power Unit Dimensions:	6.0" W x 10.5" L x 2.0" H Inches with
Case Design/Material:	NEMA 3 design/Aluminum with AC and DC Wiring Compartments (2.0" x 6.0" per compartment)

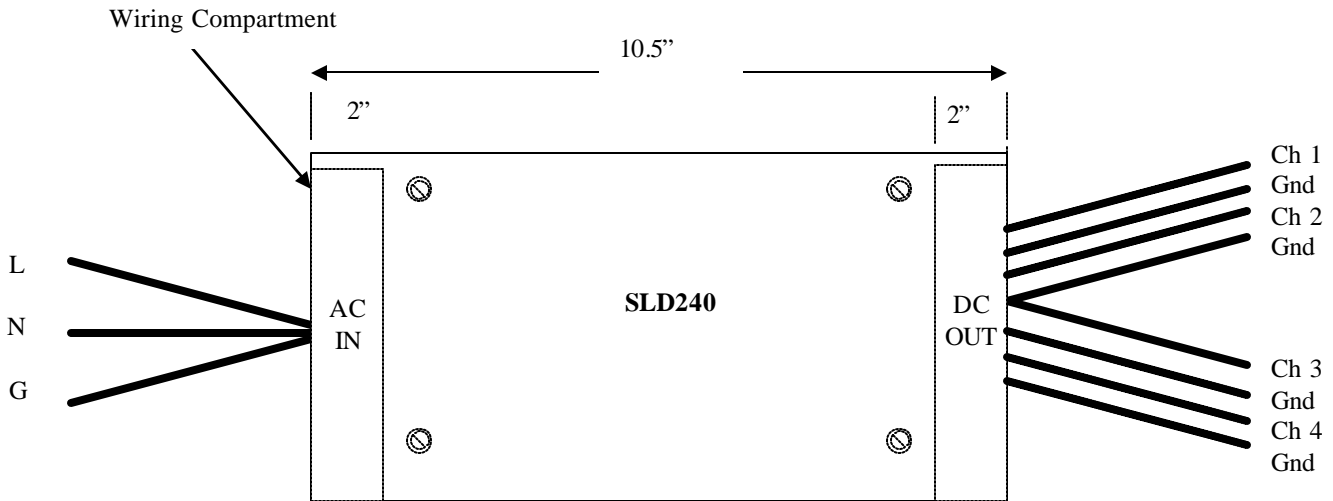
Remote Dimming Options

Dimming Types:	Dimming Control:
1) PWM – 200 Hz, 10-100%	1) 0-10 VDC Input
2) Constant-Current, 10- 100%	2) Potentiometer Input
3) Output Voltage, 75-100%	3) Serial Comm. Input (2-wire)
	4) Wireless Remote

Note: This is a preliminary specification and is subject to change upon final product release.

Model	# of Channels	Output Volts	V-Adjust On-board Pot	CC-Adjust On-board Pot	Channel 1 OCP Trip	Channel 2 OCP Trip	Channel 3 OCP Trip	Channel 4 OCP Trip	Max Combined Current	Max Output Power
SLD240-408V-FC	4	+8V	+5/-25%	+3/-90%	5.0A	5.0A	5.0A	5.0A	20.0A	160W
SLD240-410V-FC	4	+10V	+5/-25%	+3/-90%	5.0A	5.0A	5.0A	5.0A	20.0A	200W
SLD240-412V-FC	4	+12V	+5/-25%	+3/-90%	5.0A	5.0A	5.0A	5.0A	20.0A	240W
SLD240-415V-FC	4	+15V	+5/-25%	+3/-90%	5.0A	5.0A	5.0A	5.0A	16.0A	240W
SLD240-318V-FC	3	+18V	+5/-25%	+3/-90%	5.0A	5.0A	5.0A	-	13.3A	240W
SLD240-321V-FC	3	+21V	+5/-25%	+3/-90%	4.57A	4.57A	4.57A	-	11.4A	240W
SLD240-324V-FC	3	+24V	+5/-25%	+3/-90%	4.0A	4.0A	4.0A	-	10.0A	240W
SLD240-327V-FC	3	+27V	+5/-25%	+3/-90%	3.55A	3.55A	3.55A	-	8.88A	240W
SLD240-336V-FC	3	+36V	+5/-25%	+3/-90%	2.66A	2.66A	2.66A	-	6.67A	240W
SLD240-348V-FC	3	+48V	+5/-25%	+3/-90%	2.0A	2.0A	2.0A	-	5.0A	240W

Note: For the 277VAC Input Option on above Models, the Model Prefix is "SLDH240-".



SLD240-xxxV-FC

Dimensions: 6.0" W x 10.5" L x 2.0" H Inches
(1/2" Conduit entries and wiring compartments)

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