

LCM series



25~60W Multiple-Stage Output Current LED Power Supply

Power Supply features:

- Output current level selectable by DIP switch
- LCM-25(DA): 180~277VAC input only
LCM-40(DA)/60(DA): 180~295VAC input only
- Built-in active PFC (Power Factor Correction)
- Protection: Short circuit / Over voltage (40W/60W only) / Over temp.
- Cooling by free air convection
- Fully isolated plastic case
- No load power consumption <0.5W (LCM-25/25DA/40DA/60DA)
No load power consumption <1W (LCM-40/60)

Refer to www.procontechology.com.au for detailed specs.

- Class II power unit, no Frame Ground.
 - Logarithmic or linear dimming curve selectable (meets IEC62386-207)
 - Built-in 0~10VDC and PWM signal dimming function (non DA-Type)
 - Built-in DALI interface and push button dimming function (DA-Type)
 - 12V/50mA auxiliary output on LCM-40/60 and DA models in Australia
 - Temperature compensation function by external NTC (40W/60W only)
 - Power supply synchronization function for up to 10 units
 - Suitable for indoor LED lighting applications
 - 3 year warranty
- Australian Electrical Safety Approval

	INPUT		OUTPUT		LCM-25 (DA)	LCM-40/60(DA)
	25W/40W/60W	25W	40W/60W	40W/60W		
Non-DA Type						
DA-Type						

AC input voltage range	180~277VAC; 254~392VDC	180~295VAC; 254~417VDC
AC inrush current (Typ.)	Cold start, 20A at 230VAC	Cold start, 20A at 230VAC
Short circuit protection	Constant current limiting, recovers automatically after fault condition is removed	
Over voltage protection	LCM-40/40DA: 110~130VDC, LCM-60/60DA: 105~125VDC	
Over temperature protection	LCM-25(DA): Shut down o/p voltage, recovers automatically after fault condition is removed LCM-40/60(DA): Shut down o/p voltage, re-power on to recover	
Setup, rise, hold up time	500ms, 50ms, 30ms	1000ms, 80ms, 16ms at full load and 230VAC
Withstand voltage	I/P-O/P: 3.75kVAC	
Working temperature	-30°C ~ +60°C (refer to output derating curve)	
Safety standards	UL8750, ENEC EN61347-1, EN61347-2-13, EN62384, EAC TP TC 004 approved	
DALI standards	Complies with IEC62386-101, 102, 207 (DA version only)	
EMC standards	EN55015, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547, EAC TP TC 020	
Size (LxWxH), Weight	105x68x23mm, 0.17Kg	123.5x81.5x23mm, 0.24Kg

LCM-25(DA) Series



Output	I _o Tol.	R&N	Eff.	DIP Switch					
				1	2	3	4	5	6
350mA, 6~54V	±5%	400mV	85.5%	----	----	----	----	----	----
500mA, 6~50V				ON	----	----	----	----	----
600mA, 6~42V				ON	ON	----	----	----	----
700mA, 6~36V (Factory setting)				ON	ON	ON	----	----	ON
900mA, 6~28V				ON	ON	ON	ON	----	ON
1050mA, 6~24V				ON	ON	ON	ON	ON	ON

LCM-40(DA) Series



Output	I _o Tol.	R&N	Eff.	DIP Switch					
				1	2	3	4	5	6
350mA, 2~100V	±5%	700mV	91%	----	----	----	----	----	----
500mA, 2~80V				ON	----	----	----	----	----
600mA, 2~67V				ON	ON	----	----	----	----
700mA, 2~57V (Factory setting)				ON	ON	ON	----	----	ON
900mA, 2~45V				ON	ON	ON	ON	----	ON
1050mA, 2~40V				ON	ON	ON	ON	ON	ON

LCM-60(DA) Series



Output	I _o Tol.	R&N	Eff.	DIP Switch					
				1	2	3	4	5	6
500mA, 2~90V	±5%	700mV	92%	----	----	----	----	----	----
600mA, 2~90V				ON	----	----	----	----	----
700mA, 2~86V (Factory setting)				ON	ON	----	----	----	----
900mA, 2~67V				ON	ON	ON	----	----	ON
1050mA, 2~57V				ON	ON	ON	ON	----	ON
1400mA, 2~42V				ON	ON	ON	ON	ON	ON

LCM-25/40/60 are primary models with 0~10VDC and PWM dimming function.
LCM-25DA/40DA/60DA have a DALI interface and push dimming function.

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