



Product designation				Modular switching power supplies	
Product type designation				PSL1M	
Input characteristics					
Input type				Single-phase	
Rated supply voltage AC			VAC	Multivoltage 100...240	
Operating range					
AC	min	VAC	90		
	Max	VAC	264		
DC	min	VDC	120		
	Max	VDC	375		
Rated frequency			Hz	50/60	
Operational frequency			min	Hz	47
			max	Hz	63
Current consumption Max			mA	900	
PFC			No		
Insulation voltage Input/Output			AC	VAC	3000
			DC	VAC	4242
Internal fuse (250VAC)			T2A 250VAC		
Output characteristics					
Rated output voltage DC			VDC	12	
Voltage trimming (potentiometer) DC			min	VDC	12
			Max	VDC	14
Rated output current			A	2.75	
Rated output power			W	33	
Temperature coefficient			%/°C	±0.03	
Line adjustment			%	±1	
Load adjustment			%	±1	
Efficiency			%	83	
Overload protection			110...150%		
Short-circuit protection			Fold forward		
Ripple & noise			mV	50	
Parallel connection			Nr.	No	
Indications					
LED indicator for power on			Yes		
LED indicator for low voltage			Yes		
Connections					
Terminals type			Screw		
Ambient conditions					

Temperature

Operating temperature

min	°C	-40
max	°C	+71

Storage temperature

min	°C	-40
max	°C	+85

Derating

%/°C	2.5%/°C above 56°C
------	-----------------------

Housing

Execution (n° of modules)

3

Material

Plastic

IEC degree of protection

IP20

Dimensions (W x H x D)

mm 53 x 96 x 56.2

Weight

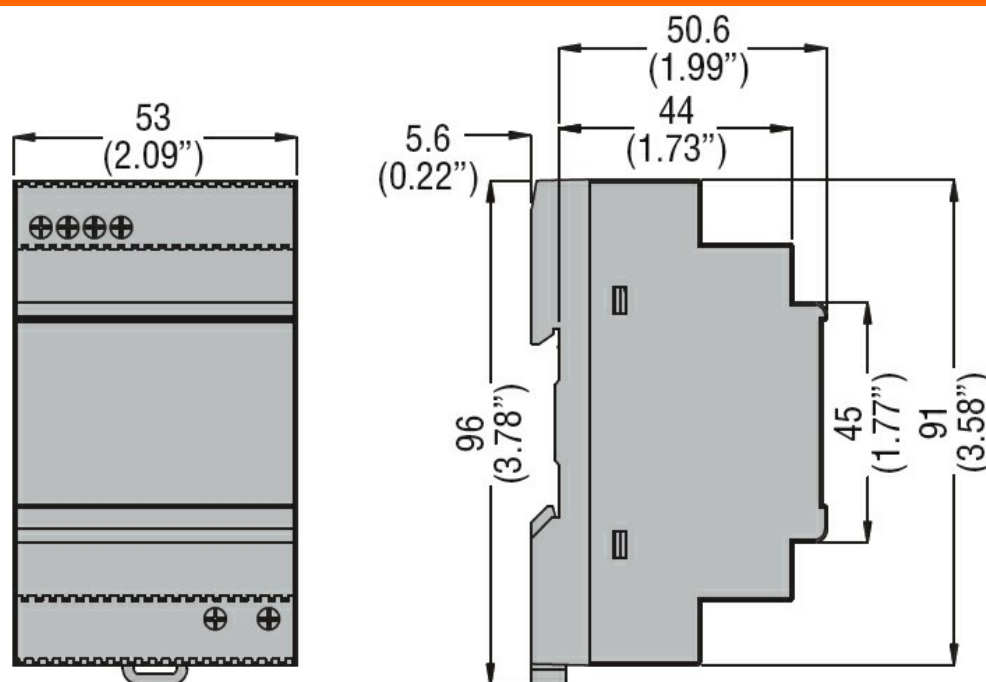
g 248

Installations

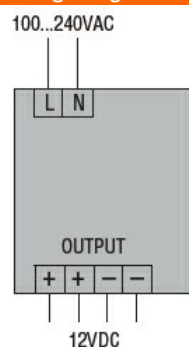
Mounting

On 35mm DIN
rail

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN/BS 61000-6-2

IEC/EN/BS 61000-6-3

IEC/EN/BS 62368-1

UL 508

Certificates

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC002540 - DC-
power supply