



Product designation			Modular switching
			power supplies
Product type designation			PSL1M
Input characteristics			Single phase
Input type			Single-phase Multivoltage
Rated supply voltage AC		VAC	100240
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	1500
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		Α	4.5
Rated output power		W	54
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	84
Overload protection			110150%
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			

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

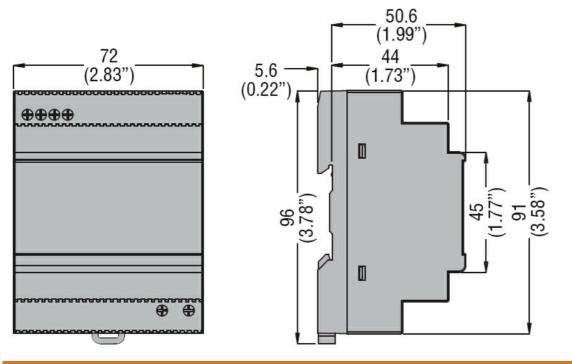


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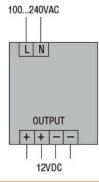
Temperature			
	Operating temperature		

	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)			4
Material			Plastic
IEC degree of protection			IP20
Dimensions (W x H x D)		mm	71 x 96 x 56.2
Weight		g	311
Installations			
Mounting			On 35mm DIN rail

Dimensions



Wiring diagrams



Certifications and compliance Compliance

CSA C22.2 n°14

PSL1M05412



PSL1M05412 ALIMENTATION À DÉCOUPAGE, VERS. MODULAIRE MONOPHASE 54W 100-240VAC/12VDC

	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		
		EC002540 - DC-

ETIM 8.0

EC002540 - DCpower supply