



Product designation			Modular switching
Product type designation			power supplies PSL1M
Input characteristics			I OLIM
Input type			Single-phase
Rated supply voltage AC		VAC	Multivoltage 100240
Operating range			100210
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	600
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	2
Rated output power		W	24
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	84
Overload protection			120160%
Short-circuit protection			Hiccup
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			

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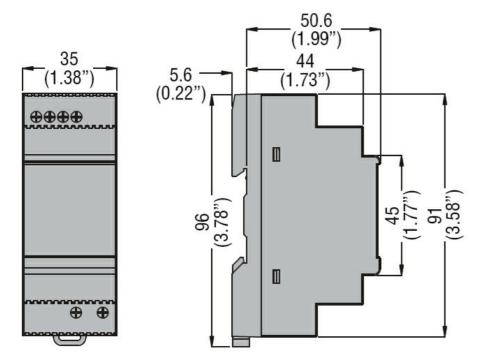
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ENERGY AND AUTOMATION

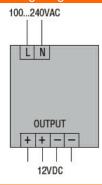
Temperature	Operating temperature		
		min	°C
		max	°C
	Storage temperature		

Storage temperature			
	min	°C	-40
	max	°C	+85
Derating		%/°C	2.5%/°C above 60°C
Housing			
Execution (n° of modules)			2
Material			Plastic
IEC degree of protection			IP20
Dimensions (W x H x D)		mm	35 x 96 x 56.2
Weight		g	177
Installations			
Mounting			On 35mm DIN rail

## Dimensions



## Wiring diagrams



Certifications and compliance Compliance

CSA C22.2 n°14

PSL1M02412

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## PSL1M02412 ALIMENTATION À DÉCOUPAGE, VERS. MODULAIRE MONOPHASE 24W 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

ETIM classification

RCM

ETIM 8.0

EC002540 - DCpower supply