



Product designation			Modular switching power supplies
Product type designation			PSL1M
Input characteristics			
Input type			Single-phase
Rated supply voltage AC		VAC	Multivoltage 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	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	24
Voltage trimming (potentiometer) DC			
	min	VDC	24
	Max	VDC	28
Rated output current		А	1.5
Rated output power		W	36
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			

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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

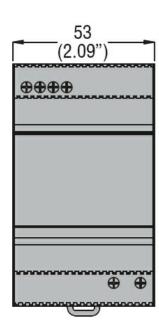


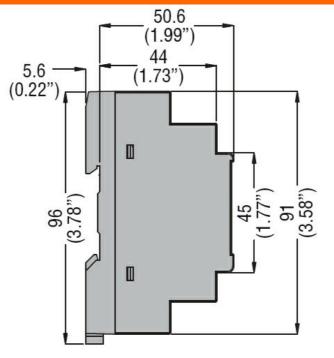
ENERGY AND AUTOMATION

Temperature			

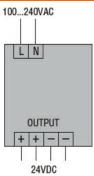
Operating temperature			
	min	°C	-40
	max	°C	+71
Storage temperature			
	min	°C	-40
	max	°C	+85
Derating		%/°C	2.5%/°C above 56°C
Housing			
Execution (n° of modules)			3
Material			Plastic
IEC degree of protection			IP20
Dimensions (W x H x D)		mm	53 x 96 x 56.2
Weight		g	248
Installations			
Mounting			On 35mm DIN rail

Dimensions





Wiring diagrams



Certifications and compliance Compliance

CSA C22.2 n°14

PSL1M03624



PSL1M03624 ALIMENTATION À DÉCOUPAGE, VERS. MODULAIRE MONOPHASE 36W 100-240VAC/24VDC

	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 - DCpower supply