



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	300	
PFC				No	
Insulation voltage Input/Output			AC	VAC	3000
			DC	VAC	4242
Internal fuse (250VAC)				T1A 250VAC	
Output characteristics					
Rated output voltage DC			VDC	12	
Rated output current			A	0.83	
Rated output power			W	10	
Temperature coefficient			%/°C	±0.03	
Line adjustment			%	±1	
Load adjustment			%	±1	
Efficiency			%	79	
Overload protection				125...185%	
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					
Temperature					
Operating temperature		min	°C	-40	

Storage temperature	max	°C	+71
	min	°C	-40
	max	°C	+85
Derating		%/°C	2.5%/°C above 60°C

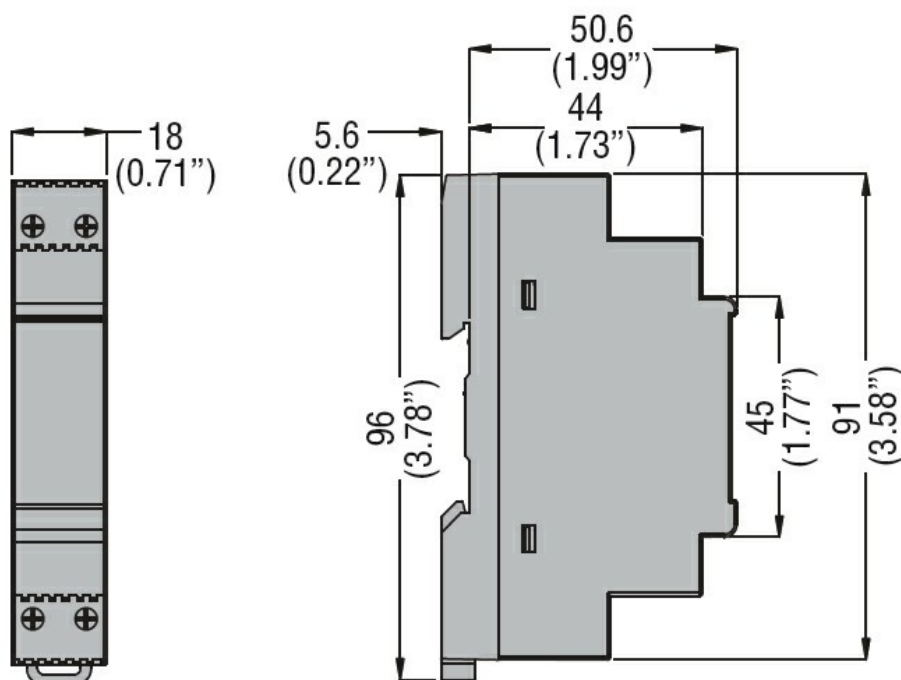
Housing

Execution (n° of modules)		1
Material		Plastic
IEC degree of protection		IP20
Dimensions (W x H x D)	mm	18 x 96 x 56.2
Weight	g	114

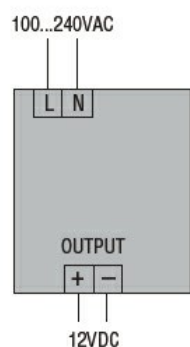
Installations

Mounting	On 35mm DIN rail
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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