



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	
		VAC	264	
	Max	VDC	120	
		VDC	375	
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

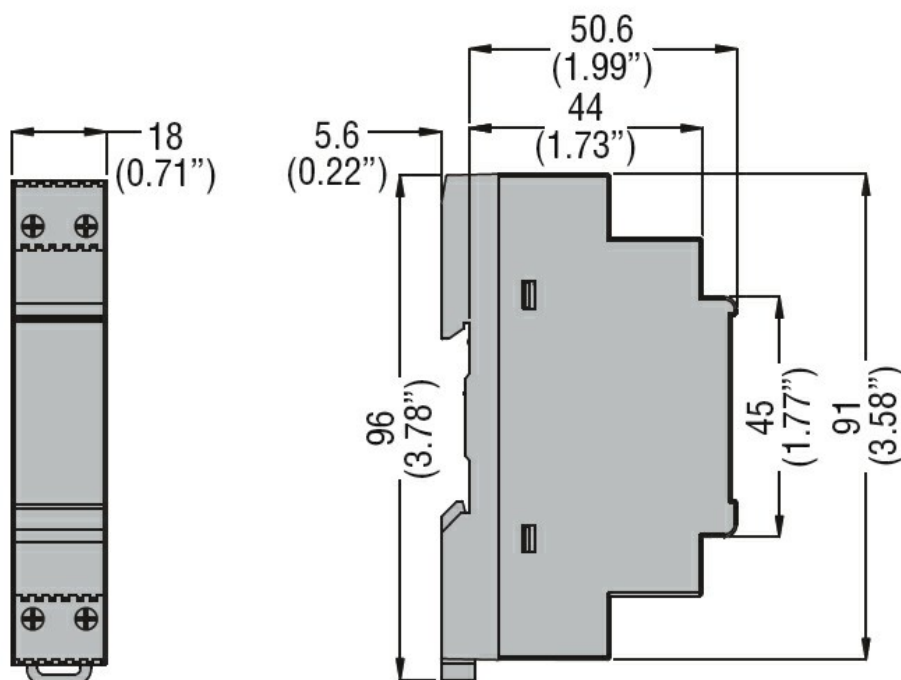
Housing

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

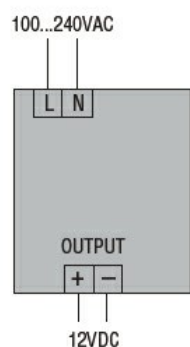
Installations

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