



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

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

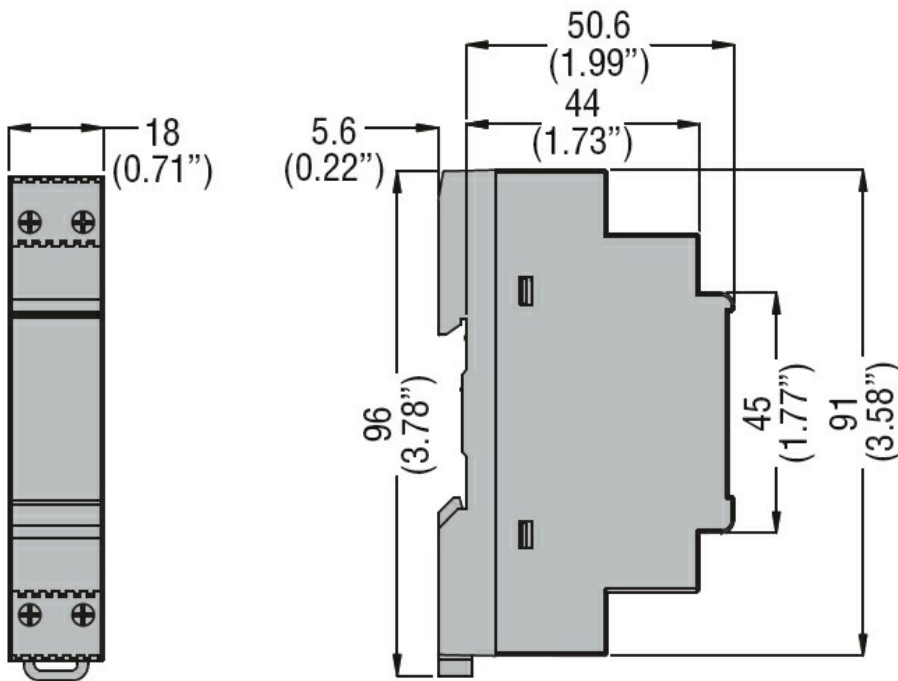
Housing

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

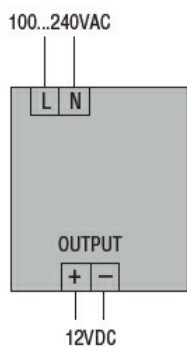
Installations

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