



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

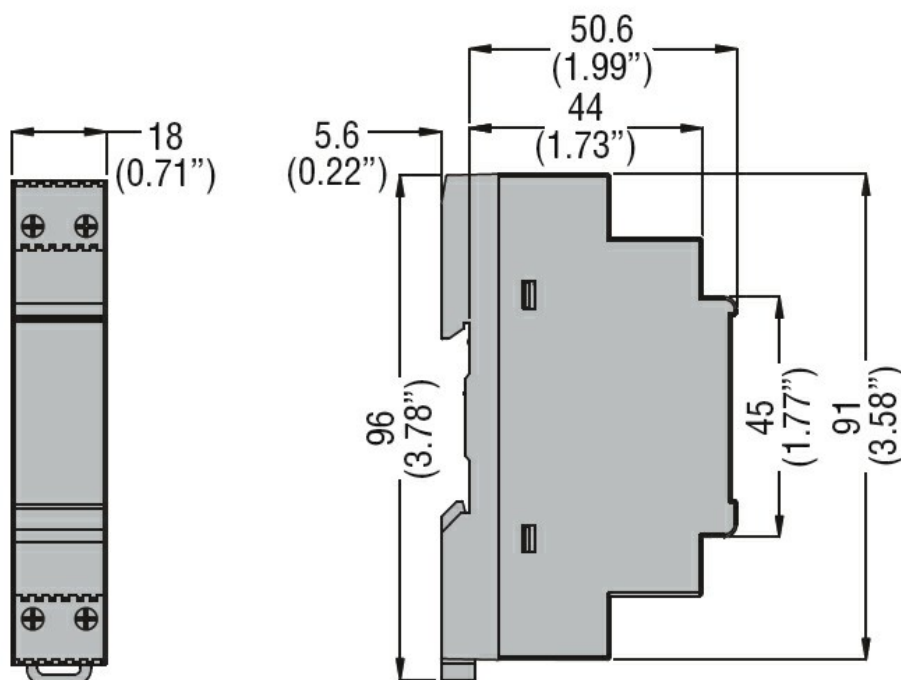
Housing

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

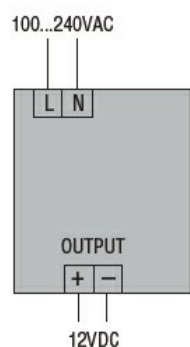
Installations

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