



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	24	
Rated output current			A	0.42	
Rated output power			W	10	
Temperature coefficient			%/°C	±0.03	
Line adjustment			%	±1	
Load adjustment			%	±1	
Efficiency			%	80	
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

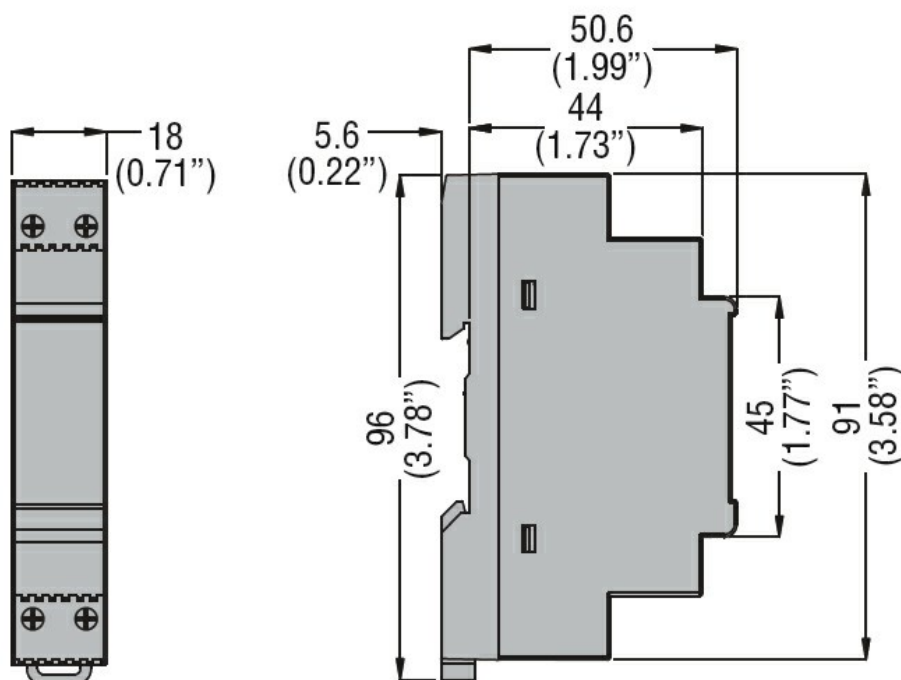
Housing

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

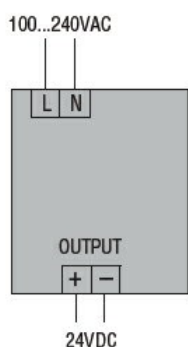
Installations

Mounting	On 35mm DIN rail
----------	------------------

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

Certificates

UL 508

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC002540 - DC-
power supply