



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	N°	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

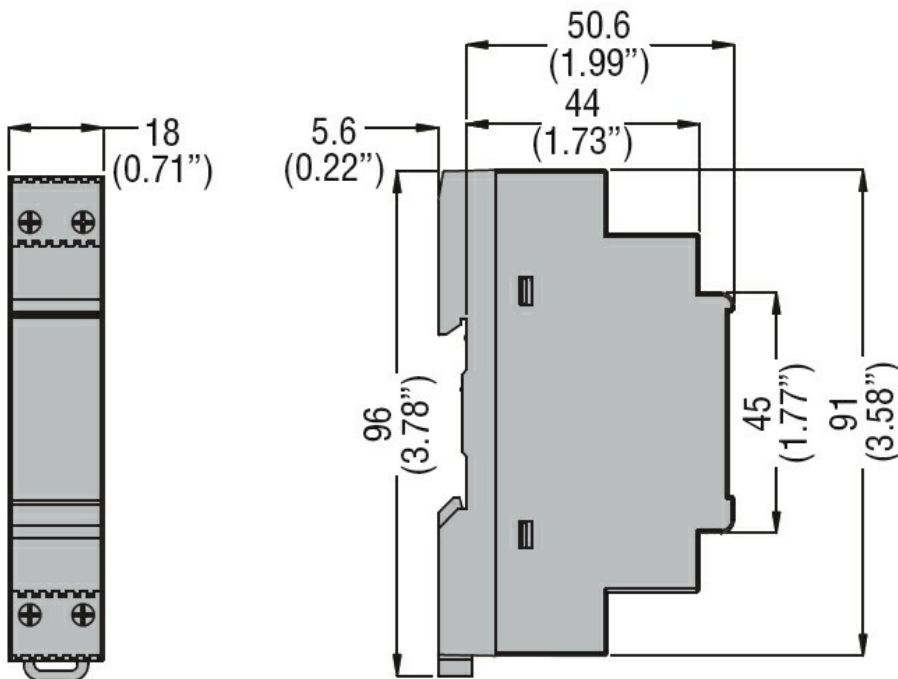
Housing

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

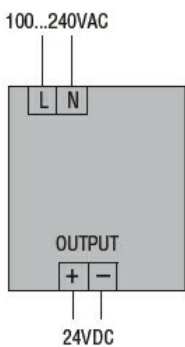
Installations

Mounting	On 35mm DIN rail
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14
IEC/EN 60950-1
IEC/EN 61000-6-2
IEC/EN 61000-6-3

Certificates

UL 508

cULus

EAC

RCM