

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	1500
PFC				No
Insulation voltage Input/Output		AC	VAC	3000
		DC	VAC	4242
Internal fuse (250VAC)				T2A 250VAC
Output characteristics				
Rated output voltage DC			VDC	24
Voltage trimming (potentiometer) DC		min	VDC	24
		Max	VDC	28
Rated output current			A	2.5
Rated output power			W	60
Temperature coefficient			%/°C	±0.03
Line adjustment			%	±1
Load adjustment			%	±1
Efficiency			%	86
Overload protection				110...150%
Short-circuit protection				Fold forward
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 56°C
Housing		
Execution (n° of modules)		4
Material		Plastic
IEC degree of protection		IP20
Dimensions (W x H x D)	mm	71 x 96 x 56.2
Weight	g	311
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
		UL 508
Certificates		cULus
		EAC
		RCM
ETIM classification		
ETIM 8.0		EC002540 - DC-power supply