

Product designation				Switching power supplies
Product type designation				PSL1
<b>Input characteristics</b>				
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			500
Insulation voltage Input/Output	AC	VAC	3000	
	DC	VAC	4242	
Internal fuse (250VAC)				T2A 250VAC
<b>Output characteristics</b>				
Rated output voltage DC	VDC			24
Voltage trimming (potentiometer) DC		min	VDC	21.6
		Max	VDC	28.8
Rated output current	A			0.75
Rated output power	W			18
Temperature coefficient	%/°C			±0.03
Line adjustment	%			±1
Load adjustment	%			±2
Efficiency	%			77
Overload protection				110...140%
Short-circuit protection				Hiccup
Ripple & noise	mV			50
Parallel connection	Nr.			No
<b>Indications</b>				
LED indicator for power on				Yes
LED indicator for low voltage				Yes
Power Rdy (Ready - minimum limit)				No
<b>Connections</b>				
Terminals type				Screw
<b>Ambient conditions</b>				
Temperature	Operating temperature	min	°C	-20
		max	°C	+71
	Storage temperature	min	°C	-25
		max	°C	+85

Derating	%/°C	2.5%/°C above 60°C
<b>Housing</b>		
Material		Plastic
IEC degree of protection		IP20
Dimensions (W x H x D)	mm	22.5 x 90 x 115
Weight	g	226
<b>Installations</b>		
Mounting		On 35mm DIN rail
<b>Dimensions</b>		
<b>Wiring diagrams</b>		
<b>Certifications and compliance</b>		
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	
<b>ETIM classification</b>		
ETIM 8.0		EC002540 - DC-power supply