

Product designation				Switching power supplies
Product type designation				PSL1
Input characteristics				
Input type				Single phase
Rated supply voltage AC	VAC			Self-configurable 115...230
Operating range	V			90...132VAC - 180...264VAC / 210...375VDC
Rated frequency	Hz			50/60
Operational frequency		min	Hz	47
		max	Hz	63
Current consumption Max			mA	2800
PFC				0.7
Insulation voltage Input/Output		AC	VAC	3000
		DC	VAC	4242
Internal fuse (250VAC)				T3 15A
Output characteristics				
Rated output voltage DC	VDC			48
Voltage trimming (potentiometer) DC		min	VDC	47
		Max	VDC	56
Rated output current			A	2.5
Rated output power			W	120
Temperature coefficient			%/°C	0.03
Line adjustment			%	±0.5
Load adjustment			%	±1
Efficiency			%	87
Overload protection				110...145%
Short-circuit protection				Fold forward
Ripple & noise			mV	50
Parallel connection			Nr.	3
Indications				
LED indicator for power on				Yes
LED indicator for low voltage				Yes
Power Rdy (Ready - minimum limit)				Yes (relay output - 17.6VDC)
Connections				
Terminals type				Screw
Ambient conditions				
Temperature	Operating temperature			
		min	°C	-35
		max	°C	+71
	Storage temperature			
		min	°C	-40
		max	°C	+85
Derating			%/°C	2.5
Housing				
Material				Metal

IEC degree of protection		IP20
Dimensions (W x H x D)	mm	64 x 124.5 x 123.6
Weight	g	1018
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