

Product designation				Switching power supplies
Product type designation				PSL3
Input characteristics				
Input type				Three phase
Rated supply voltage AC			VAC	Multivoltage 400...500
Operating range				
	AC			
		min	VAC	340
		Max	VAC	575
	DC			
		min	VDC	480
		Max	VDC	820
Rated frequency			Hz	50/60
Operational frequency				
		min	Hz	47
		max	Hz	63
Current consumption Max			mA	500
PFC				0.55
Insulation voltage Input/Output				
		AC	VAC	3000
		DC	VAC	4242
Internal fuse (250VAC)				T2A 600VAC
Output characteristics				
Rated output voltage DC			VDC	24
Voltage trimming (potentiometer) DC				
		min	VDC	22.5
		Max	VDC	28.5
Rated output current			A	5
Rated output power			W	120
Temperature coefficient			%/°C	±0.03
Line adjustment			%	±1
Load adjustment			%	±1
Efficiency			%	89
Overload protection				115...135%
Short-circuit protection				Hiccup
Ripple & noise			mV	100
Parallel connection			Nr.	No
Indications				
LED indicator for power on				Yes
LED indicator for low voltage				Yes
Power Rdy (Ready - minimum limit)				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		
Material		Metal
IEC degree of protection		IP20
Dimensions (W x H x D)	mm	74.3 x 124 x 118.8
Weight	g	910
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