

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			1400
PFC				0.65
Insulation voltage Input/Output	AC	VAC	3000	
	DC	VAC	4242	
Internal fuse (250VAC)				T3 15A 500VAC
Output characteristics				
Rated output voltage DC	VDC			48
Voltage trimming (potentiometer) DC	min	VDC	47	
	Max	VDC	56	
Rated output current	A			10
Rated output power	W			480
Temperature coefficient	%/°C			0.03
Line adjustment	%			±1
Load adjustment	%			±1
Efficiency	%			91
Overload protection				110...135%
Short-circuit protection				Fold forward
Ripple & noise	mV			100
Parallel connection	Nr.			2
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	-30
		max	°C	+71
	Storage temperature	min	°C	-40

Derating	max	°C	+85
		%/°C	2.5
Housing			
Material			Metal
IEC degree of protection			IP20
Dimensions (W x H x D)		mm	150 x 124 x 118.8
Weight		g	1995
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