

Product designation				Switching power supplies
Product type designation				PSL3
<b>Input characteristics</b>				
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			2400
PFC				0.8
Insulation voltage Input/Output	AC	VAC	3000	
	DC	VAC	4242	
Internal fuse (250VAC)				T5A/500VAC
<b>Output characteristics</b>				
Rated output voltage DC	VDC			48
Voltage trimming (potentiometer) DC	min	VDC	47	
	Max	VDC	56	
Rated output current	A			20
Rated output power	W			960
Temperature coefficient	%/°C			0.03
Line adjustment	%			±1
Load adjustment	%			±1
Efficiency	%			93
Overload protection				125...145%
Short-circuit protection				Hiccup
Ripple & noise	mV			80
Parallel connection	Nr.			2
<b>Indications</b>				
LED indicator for power on				Yes
LED indicator for low voltage				Yes
Power Rdy (Ready - minimum limit)				Yes (relay output - 17.6VDC)
<b>Connections</b>				
Terminals type				Screw
<b>Ambient conditions</b>				
Temperature	Operating temperature	min	°C	-40
		max	°C	+71
	Storage temperature	min	°C	-40

	max	°C	+85
Derating		%/°C	3.5
<b>Housing</b>			
Material			Metal
IEC degree of protection			IP20
Dimensions (W x H x D)		mm	275.8 x 125.9 x 120.3
Weight		g	3672
<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