



Input characteristics

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

Output characteristics

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

Indications

LED indicator for power on	Yes
LED indicator for low voltage	Yes
Power Rdy (Ready - minimum limit)	No

Connections

Terminals type	Screw
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Ambient conditions

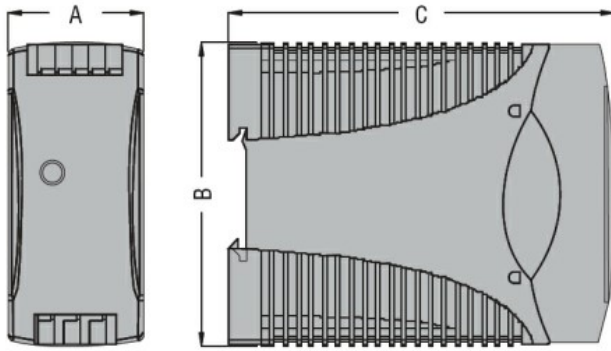
Temperature				
	Operating temperature			
		min	°C	-20

	max	°C	+71
Storage temperature	min	°C	-25
	max	°C	+85
		%/°C	2.5%/°C above 60°C

Housing			
Material	Plastic		
IEC degree of protection	IP20		
Dimensions (W x H x D)	mm	22.5 x 90 x 115	
Weight	g	226	

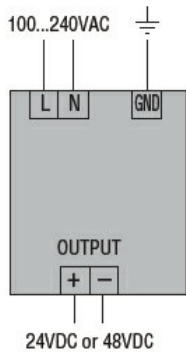
Installations			
Mounting	On 35mm DIN rail		

Dimensions



TYPE	A	B	C
PSL1 005 24	22.5 (0.88")	90 (3.54")	115 (4.53")
PSL1 010 24	22.5 (0.88")	90 (3.54")	115 (4.53")
PSL1 018 24	22.5 (0.88")	90 (3.54")	115 (4.53")
PSL1 030...	40.5 (1.59")	90 (3.54")	115 (4.53")
PSL1 060...	40.5 (1.59")	90 (3.54")	115 (4.53")
PSL1 100...	54 (2.12")	90 (3.54")	115 (4.53")
PSL2 100...	54 (2.12")	90 (3.54")	115 (4.53")
PSLR 20 24	54 (2.12")	90 (3.54")	115 (4.53")

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
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