



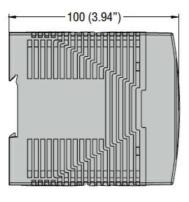
Product designation			Switching power
Froduct designation			supplies
Product type designation			PSE1
Input characteristics			•
Input type			Single-phase
Rated supply voltage AC		VAC	Multivoltage 100240
Operating range			
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	120
	Max	VDC	375
Rated frequency		Hz	50/60
Operational frequency			
	min	Hz	47
	max	Hz	63
Current consumption Max		mA	1300
Power dissipation		W	8.8
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	22.5
	Max	VDC	28.5
Rated output current		Α	2.1
Rated output power		W	50
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	87
Overload protection			1.4
Overvoltage protection			min 28.8V / max 32.4V
Short-circuit protection			Hiccup
Ripple & noise		mV	100
Parallel connection		Nr.	No
Indications			
LED indicator for power on			Yes
LED indicator for low voltage			No
Power Rdy (Ready - minimum limit)			No
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Connections				
Terminals type				Screw
Tightening torque f	for terminals			
		max	Nm	0.5
		max	lbin	5
Conductor cross s				
	AWG/Kcmil			
		min	AWG	26
		Max	AWG	12
	IEC			
		min	mm²	0.2
		Max	mm²	2.5
Cable stripping len			mm	4-5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+71
	Storage temperature			
		min	°C	-40
-		max	°C	+85
Derating			%/°C	2.5%/°C above 50°C
Relative humidity			%	<95%
Maximum Pollution	n degree			2
Max altitude			m	5000
Housing				
Material				Plastic
IEC degree of prof	tection			IP20
Dimensions (W x F	H x D)		mm	30 x 90 x 100
Weight			g	200
Installations				
Mounting				On 35mm DIN rail
Installation position	ו			Vertical (other directions with derating)
Cooling System				Free air convection
Dimensions				202041011

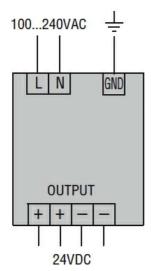
## **Dimensions**





## Wiring diagrams





## Certifications and compliance

Compliance

CSA C22.2 n° 107.1.

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 - DCpower supply