ALIMENTATION À DÉCOUPAGE COMPACTE POUR RAIL DIN, MONOPHASÉE. 24VDC, 1.25A/30W

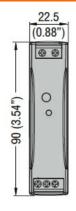


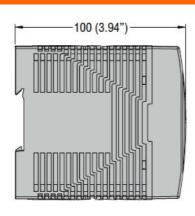
Product designation			Switching power
•			supplies PSE1
Product type designation Input characteristics			PSET
Input type			Single-phase
			Multivoltage
Rated supply voltage AC		VAC	100240
Operating range			
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	120
	Max	VDC	375
Rated frequency		Hz	50/60
Operational frequency			
	min	Hz	47
	max	Hz	63
Current consumption Max		mΑ	750
Power dissipation		W	5.7
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	1.25
Rated output power		W	30
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	86
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
			No No

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Tightening torque for terminals	Connections				
Max Nm 0.5 max lbin 5	Terminals type				Screw
Name	Tightening torque fo	r terminals			
AWG/Kcmil			max	Nm	0.5
AWG/Kcmil min	-		max	lbin	5
Max AWG 26 Max AWG 12 IEC	Conductor cross sec				
TEC		AWG/Kcmil			
IEC					
Cable stripping lenght mm² Max 0.2 mm² m² m² 2.5 Ambient conditions Temperature min o c c c c c c c c c c c c c c c c c c			Max	AWG	12
Cable stripping lenght Max mm² 2.5 Ambient conditions Temperature Operating temperature min °C -25 max °C +71 Storage temperature min °C -40 max °C +85 Derating % °C -85 max °C +85 Derating % °C -85 max °C +85 Maximum Pollution degree 2 max 25 max 2		IEC		2	
Cable stripping lenght mm 4-5 Ambient conditions Temperature 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%					
Ambient conditions Temperature Operating temperature min max or C or +71 -25 max or C or +71 Storage temperature min max or C or +85 +85 Derating %/°C or +85 2.5%/°C above 50°C Relative humidity % < 95%			Max		
Operating temperature		ht		mm	4-5
Operating temperature					
Min C -25 max °C +71	Temperature	Out of the desired of			
Max C +71 Storage temperature min C -40 max C +85 Derating % C 50°C Relative humidity % <95% Maximum Pollution degree 2 Max altitude m 5000 Housing		Operating temperature		۰.	0.5
Storage temperature min °C -40 max °C +85 Derating Sor C					
Deratingmin max "C +40 max "C +85Derating%/°C 50°C above 50°C above 50°CRelative humidity% <95%		Character to represent the	max	- 'C	+/1
Derating		Storage temperature	min	°C	40
Derating %/°C 2.5%/°C above 50°C Relative humidity % <95% Maximum Pollution degree 2 Max altitude m 5000 Housing Material Plastic IEC degree of protection IP20 Dimensions (W x H x D) mm 22.5 x 90 x 100 Weight g 140 Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System					
Relative humidity % <95% Maximum Pollution degree 2 Max altitude m 5000 Housing Material Plastic IEC degree of protection IP20 Dimensions (W x H x D) mm 22.5 x 90 x 100 Weight g 140 Installations Mounting On 35mm DIN rail Installation position directions with derating) Cooling System	-		IIIdX		
Maximum Pollution degree 2 Max altitude m 5000 Housing Material Plastic IEC degree of protection IP20 Dimensions (W x H x D) mm 22.5 x 90 x 100 Weight g 140 Installations On 35mm DIN rail Vertical (other directions with derating) Cooling System Free air	Derating				50°C
Max altitude m 5000 Housing Material Plastic IEC degree of protection IP20 Dimensions (W x H x D) mm 22.5 x 90 x 100 Weight g 140 Installations Mounting On 35mm DIN rail Installation position directions with derating) Free air				%	
Housing Material Plastic IEC degree of protection IP20 Dimensions (W x H x D) mm 22.5 x 90 x 100 Weight g 140 Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System		degree			
Material Plastic IEC degree of protection IP20 Dimensions (W x H x D) mm 22.5 x 90 x 100 Weight g 140 Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System				m	5000
IEC degree of protection Dimensions (W x H x D) Weight Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Free air	Housing				
Dimensions (W x H x D) Weight Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System					
Weight g 140 Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System Free air					
Installations Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System Free air		x D)		mm	
Mounting On 35mm DIN rail Vertical (other directions with derating) Cooling System Free air	_			g	140
rail Vertical (other directions with derating) Cooling System rail Vertical (other directions with derating) Free air	Installations				
Installation position directions with derating) Cooling System Free air	Mounting				
Cooling System	Installation position				directions with derating)
	Cooling System				

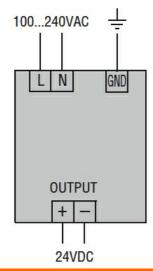
Dimensions





Wiring diagrams

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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