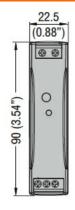


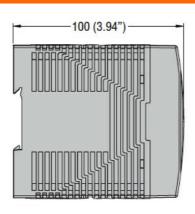


Product designation			Switching power
•			supplies
Product type designation Input characteristics			PSE1
Input type			Single-phase
			Multivoltage
Rated supply voltage AC		VAC	100240
Operating range			
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	120
	Max	VDC	375
Rated frequency		Hz	50/60
Operational frequency			
	min	Hz	47
	max	Hz	63
Current consumption Max		mA	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
<del></del>	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
Power Rdy (Ready - minimum limit)			No



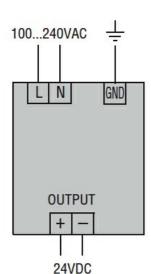
Terminals type	Connections				
Max   Mm   0.5   Max   Mm   0.5	Terminals type				Screw
Name	Tightening torque fo	r terminals			
AWG/Kcmil			max	Nm	0.5
AWG/Kcmil   AWG   26			max	Ibin	5
Figure	Conductor cross sec				
TEC		AWG/Kcmil			
IEC					
Cable stripping lenght         mm         mm²         0.2 mm         4.5           Ambient conditions         Temperature			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         2.5%°C above 50°C           Relative humidity         %         <95%		IEC			
Cable stripping lenght         mm         4-5           Ambient conditions         Temperature           Operating temperature           min         °C         -25           max         °C         +71           Storage temperature         min         °C         -40           max         °C         +85           Derating         %         < 95%           Relative humidity         %         < 95%           Maximum Pollution degree         2         Maximum Pollution degree         2           Maximum Pollution degree         plastic         Eccledition           Housing         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           Installation position         On 35mm DIN rail           Cooling System         Free air convection					
Ambient conditions   Temperature   Operating temperature			Max		
Cooling System   Cool		ht		mm	4-5
Operating temperature           min         °C         -25           max         °C         +71           Storage temperature         min         °C         -40           max         °C         -40           max         °C         -40           max         °C         -485           Derating         %°C         2.5%/°C above 50°C           Relative humidity         %         <95%           Maximum Pollution degree         2         2           Maximum Pollution degree         m         5000           Housing         Jeastic         Plastic           IEC degree of protection         IP20         IP20           Dimensions (W x H x D)         mm         22.5 x 90 x 100         Part of the control of the contro					
Max	Temperature				
max         °C         +71           Storage temperature         min         °C         -40           max         °C         +85           Derating         %°C         2.5%°C above 50°C           Relative humidity         %         <95%		Operating temperature		0.0	0.5
Storage temperature         min max         °C max         -40 max           Derating         %°C 50°C         +85           Relative humidity         % < 95%					
Derating         min max of convection         2 -40 max of convection           Derating         %/°C 2.5%/°C above 50°C           Relative humidity         % <95%		<u> </u>	max	°C	+/1
Derating         max         °C         +85           Derating         %°C         2.5%°C above 50°C           Relative humidity         %         <95%		Storage temperature		°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  Installation position directions with derating)  Cooling System  We'C 2.5%°C above 50°C  2 Max altitude m 5000  To 3000  Plastic  IP20  Dimensions (W x H x D)  The stallation on 35mm DIN rail  Vertical (other directions with derating)  Free air convection					
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  Plastic IP20 On 35mm DIN rail Vertical (other directions with derating) Free air convection	-		max	<u> </u>	
Maximum Pollution degree2Max altitudem5000HousingMaterialPlasticIEC degree of protectionIP20Dimensions (W x H x D)mm22.5 x 90 x 100Weightg140InstallationsOn 35mm DIN railMountingOn 35mm DIN railInstallation positionUertical (other directions with derating)Cooling SystemFree air convection					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  Vertical (other directions with derating)  Cooling System  Free air convection	Relative humidity			%	
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			
MaterialPlasticIEC degree of protectionIP20Dimensions (W x H x D)mm22.5 x 90 x 100Weightg140InstallationsMountingOn 35mm DIN railInstallation positionVertical (other directions with derating)Cooling SystemFree air convection				m	5000
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       Mounting     Vertical (other directions with derating)       Installation position     Free air convection					
Dimensions (W x H x D)  Weight  Installations  Mounting  Installation position  Cooling System  mm 22.5 x 90 x 100  g 140  On 35mm DIN rail  Vertical (other directions with derating)  Free air convection					
Weight g 140  Installations  Mounting  On 35mm DIN rail  Vertical (other directions with derating)  Cooling System  Free air convection					
Mounting  Mounting  Installation position  Installation position  Cooling System  On 35mm DIN rail  Vertical (other directions with derating)  Free air convection		x D)		mm	
Mounting  Installation position  Cooling System  On 35mm DIN rail  Vertical (other directions with derating)  Free air convection				g	140
Mounting rail  Vertical (other directions with derating)  Cooling System  Free air convection	Installations				
Installation position directions with derating)  Cooling System Free air convection	Mounting				
Cooling System derating) Free air convection					
Cooling System Free air convection	Installation position				
Cooling System convection					
Convection	Cooling System				
					convection





## 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