

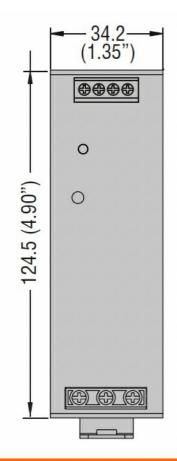


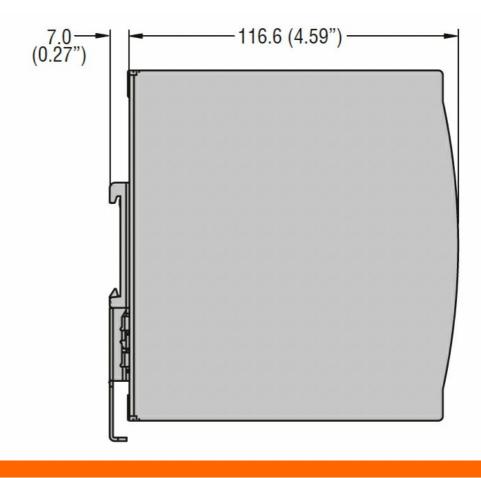
			Switching power
Product designation			supplies
Product type designation			PSE1
Input characteristics			
Input type			Single-phase
Rated supply voltage AC		VAC	Multivoltage 100240
Operating range			
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	120
	Max	VDC	375
Rated frequency		Hz	50/60
Operational frequency			
	min	Hz	47
	max	Hz	63
Current consumption Max		mA	2900
Power dissipation		W	17
Insulation voltage Input/Output			
	AC	VAC	3000
	DC	VAC	4242
Internal fuse (250VAC)			T4A 250VAC
Output characteristics		\/D0	
Output characteristics Rated output voltage DC		VDC	T4A 250VAC 24
Output characteristics			24
Output characteristics Rated output voltage DC	min	VDC	24 22.5
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC	min Max	VDC VDC	24 22.5 28.5
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current		VDC VDC A	24 22.5 28.5 5
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power		VDC VDC A	24 22.5 28.5 5 120
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient		VDC VDC A W %/°C	24 22.5 28.5 5 120 ±0.03
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment		VDC VDC A W %/°C	24 22.5 28.5 5 120 ±0.03 ±1
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment		VDC VDC A W %/°C %	24 22.5 28.5 5 120 ±0.03 ±1 ±1
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency		VDC VDC A W %/°C	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment		VDC VDC A W %/°C %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Overvoltage protection		VDC VDC A W %/°C %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Short-circuit protection		VDC VDC A W %/°C % %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V Hiccup
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Overvoltage protection Short-circuit protection Ripple & noise		VDC VDC A W %/°C % %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V Hiccup 100
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Overvoltage protection Short-circuit protection Ripple & noise Parallel connection		VDC VDC A W %/°C % %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V Hiccup
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Overvoltage protection Short-circuit protection Ripple & noise Parallel connection Indications		VDC VDC A W %/°C % %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V Hiccup 100 No
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Overvoltage protection Short-circuit protection Ripple & noise Parallel connection Indications LED indicator for power on		VDC VDC A W %/°C % %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V Hiccup 100 No Yes
Output characteristics Rated output voltage DC Voltage trimming (potentiometer) DC Rated output current Rated output power Temperature coefficient Line adjustment Load adjustment Efficency Overload protection Overvoltage protection Short-circuit protection Ripple & noise Parallel connection Indications		VDC VDC A W %/°C % %	24 22.5 28.5 5 120 ±0.03 ±1 ±1 89 1.4 min 28.8V / max 32.4V Hiccup 100 No



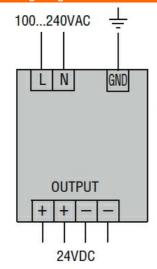
Terminals type
max
Max Nill output: 0.6Nm Input: 9lbin, output: 6lbin
Conductor cross section
AWG/Kcmil min AWG 24 Max AWG 10 IEC min mm² 0.2 Max mm² 44 Cable stripping lenght mm 8 Ambient conditions Temperature Operating temperature min °C -25 max °C +71 Storage temperature
Max AWG 10
Max AWG 10
IEC
Cable stripping lenght mm 8 Ambient conditions Temperature Operating temperature min °C -25 max °C +71 Storage temperature
Max mm² 44 Cable stripping lenght mm 8 Ambient conditions Temperature Operating temperature min °C -25 max °C +71 Storage temperature Storage temperature
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Temperature Operating temperature min °C -25 max °C +71 Storage temperature
Operating temperature min °C -25 max °C +71 Storage temperature
min °C -25 max °C +71 Storage temperature
max °C +71 Storage temperature
Storage temperature
· · · · · · · · · · · · · · · · · · ·
min °C -40
max °C +85
Derating %/°C 2.5%/°C above 50°C
Relative humidity % <95%
Maximum Pollution degree 2
Max altitude m 5000
Housing
Material Metal
IEC degree of protection IP20
Dimensions (W x H x D) mm 34.2 x 124.5 x 116.6
Weight g 610
Installations
Mounting On 35mm DIN rail
Vertical (other Installation position directions with derating)
Cooling System Free air convection
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

EAC

RCM

ETIM classification





COMPACT DIN RAIL SWITCHING POWER SUPPLY, SINGLE-PHASE. 24VDC, 5A/120W

ETIM 8.0

EC002540 - DCpower supply