



Input characteristics

Input type				Single-phase	
Rated supply voltage AC			VAC	Multivoltage 100...240	
Operating range					
AC	min	VAC	85		
		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	1700	
Power dissipation			W	10.5	
Insulation voltage Input/Output					
	AC	VAC	3000		
	DC	VAC	4242		
Internal fuse (250VAC)				T3.15A 250VAC	

Output characteristics

Rated output voltage DC		VDC	24
Voltage trimming (potentiometer) DC			
	min	VDC	22.5
	Max	VDC	28.5
Rated output current		A	3
Rated output power		W	72
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficiency		%	89
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

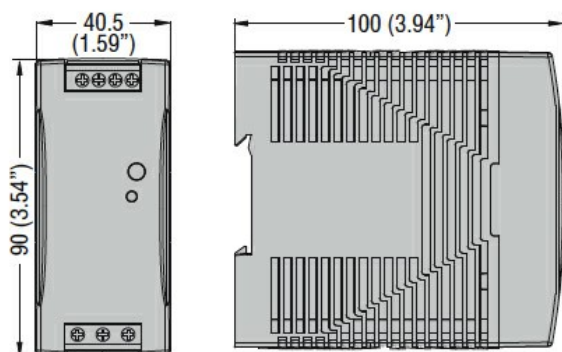
LED indicator for power on	Yes
LED indicator for low voltage	No
Power Rdy (Ready - minimum limit)	No

Connections

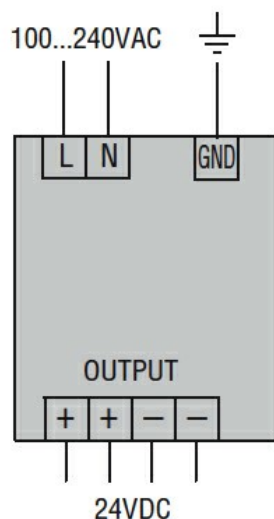
Terminals type	Screw
Tightening torque for terminals	

		max	Nm	0.5
		max	Ibin	5
Conductor cross section				
	AWG/Kcmil			
		min	AWG	26
		Max	AWG	12
	IEC			
		min	mm ²	0.2
		Max	mm ²	2.5
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				
			%/°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	40.5 x 90 x 100
Weight				
			g	250
Installations				
Mounting				
				On 35mm DIN rail
Installation position				
				Vertical (other 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

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC002540 - DC-
power supply