



Input characteristics

Input type				Single-phase
Rated supply voltage AC			VAC	Multivoltage 100...240
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	2300
Power dissipation			W	17
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	4.2
Rated output power		W	100
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficiency		%	88
Overload protection			1.4
Overvoltage protection			min 28.8V / max 32.4V
Short-circuit protection			Hiccup
Ripple & noise		mV	100
Parallel connection		Nr.	No

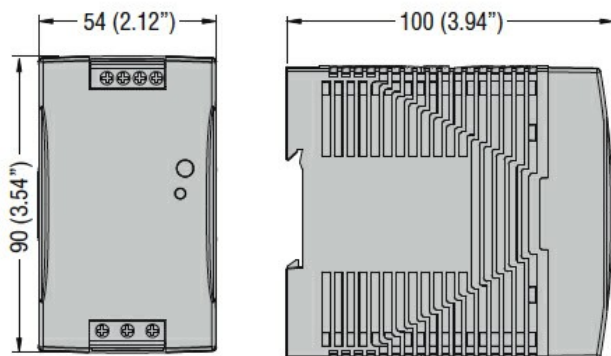
Indications

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

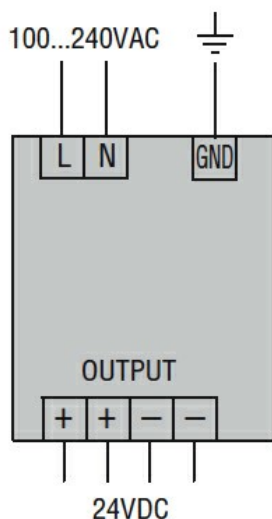
Connections

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 45°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	54 x 90 x 100
Weight				
			g	350
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