



Input characteristics

Input type				Single-phase	
Rated supply voltage AC			VAC	Multivoltage 100...240	
Operating range					
AC					
			min	VAC	90
			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	1500
PFC					No
Insulation voltage Input/Output					
			AC	VAC	3000
			DC	VAC	4242
Internal fuse (250VAC)					T2A 250VAC

Output characteristics

Rated output voltage DC		VDC	12
Voltage trimming (potentiometer) DC			
	min	VDC	12
	Max	VDC	14
Rated output current		A	4.5
Rated output power		W	54
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficiency		%	84
Overload protection			110...150%
Short-circuit protection			Fold forward
Ripple & noise		mV	50
Parallel connection		Nr.	No

Indications

LED indicator for power on	Yes
LED indicator for low voltage	Yes

Connections

Terminals type	Screw
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Ambient conditions

Temperature			
Operating temperature	min	°C	-40

Storage temperature	max	°C	+71
	min	°C	-40
	max	°C	+85
Derating		%/°C	2.5%/°C above 56°C

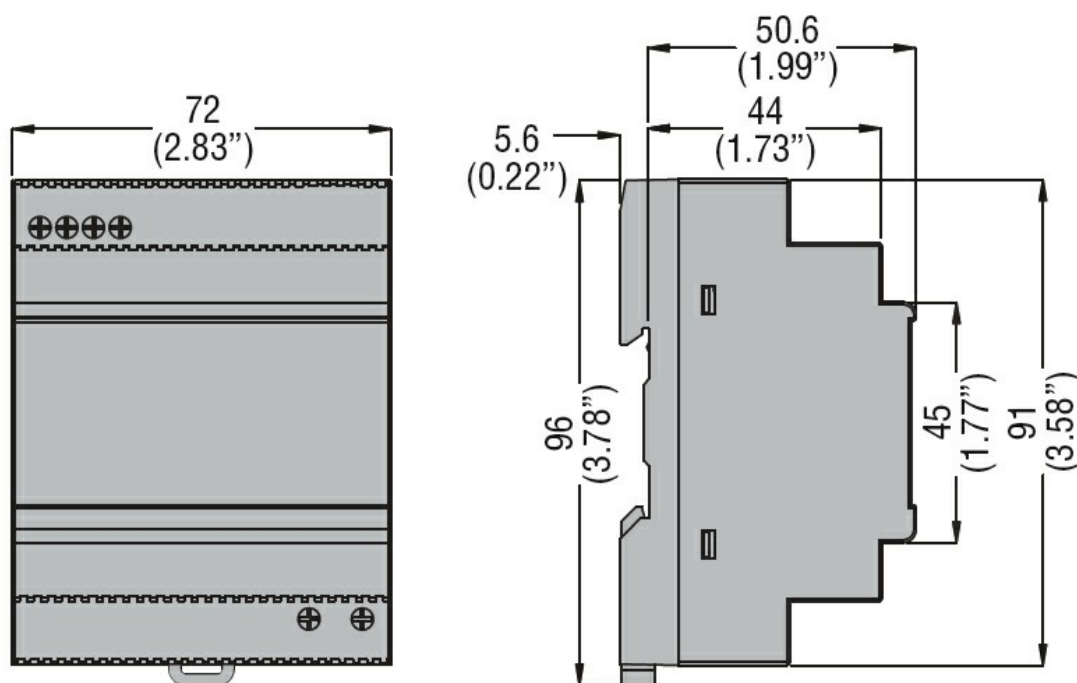
Housing

Execution (n° of modules)	4
Material	Plastic
IEC degree of protection	IP20
Dimensions (W x H x D)	mm 71 x 96 x 56.2
Weight	g 311

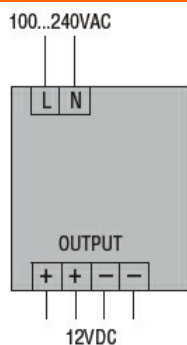
Installations

Mounting	On 35mm DIN rail
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14
IEC/EN/BS 61000-6-2
IEC/EN/BS 61000-6-3
IEC/EN/BS 62368-1

Certificates

UL 508

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC002540 - DC-
power supply