



Input characteristics

Input type				Single-phase	
Rated supply voltage AC			VAC	Multivoltage 100...240	
Operating range					
AC	min	VAC	90		
		VAC	264		
	DC	min	VDC	120	
			VDC	375	
Rated frequency			Hz	50/60	
Operational frequency					
	min	Hz	47		
	max	Hz	63		
Current consumption Max			mA	2200	
PFC				No	
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	24
	Max	VDC	28
Rated output current		A	4.2
Rated output power		W	100
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficiency		%	89
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 60°C

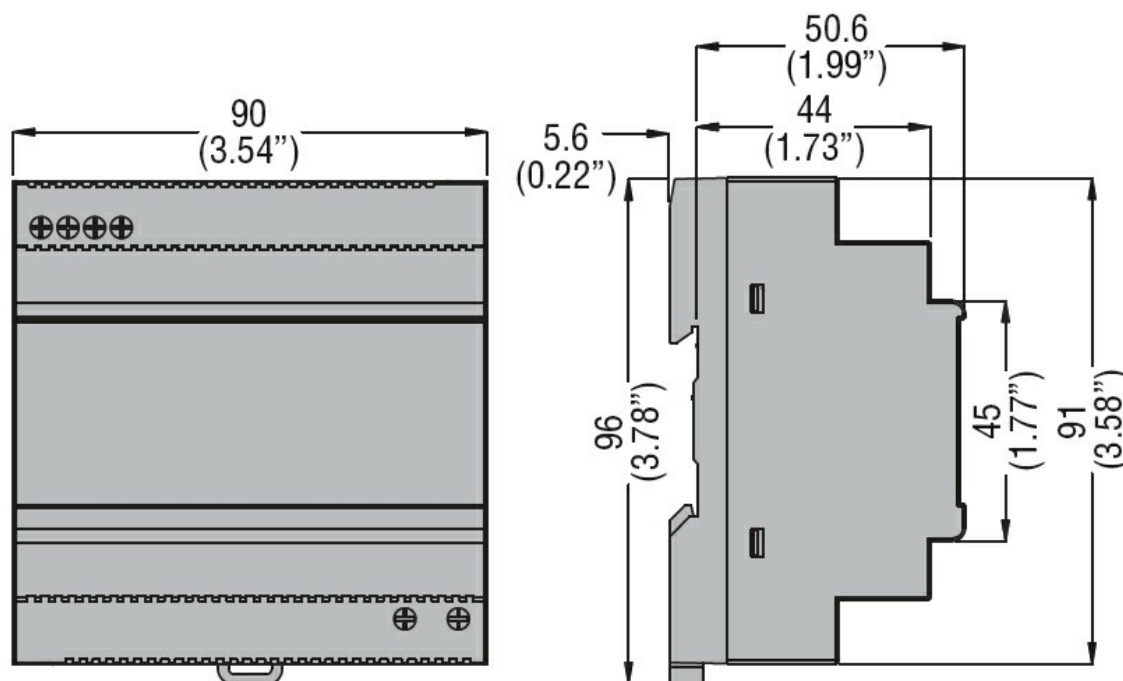
Housing

Execution (n° of modules)	5
Material	Plastic
IEC degree of protection	IP20
Dimensions (W x H x D)	mm 90 x 96 x 56.2
Weight	g 443

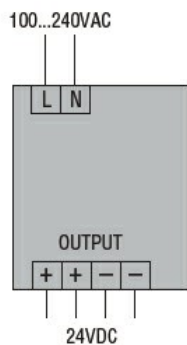
Installations

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