



Product designation			Modular switching
-			power supplies
Product type designation			PSL1M
Input characteristics			Cinale phase
Input type			Single-phase
Rated supply voltage AC		VAC	Multivoltage 100240
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	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		А	4.2
Rated output power		W	100
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	89
Overload protection			110150%
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			
Connections Terminals type			Screw
			Screw

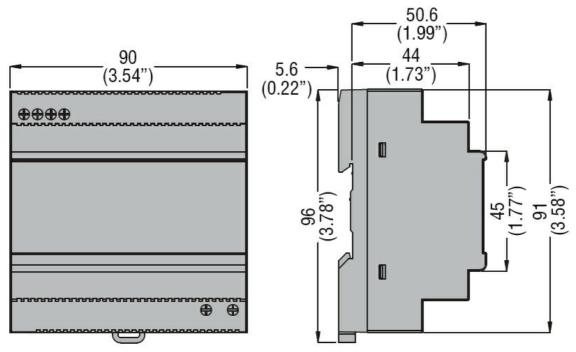


Temperature

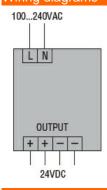
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Operating	temperature

Operating temperature			
	min	°C	-40
	max	°C	+71
Storage temperature			
	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

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14





MODULAR SWITCHING POWER SUPPLY, SINGLE-PHASE. 24VDC, 4.2A/100W

	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