



Product designation			Modular switching
-			power supplies
Product type designation			PSL1M
Input type			Single-phase
Input type			Multivoltage
Rated supply voltage AC		VAC	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	1700
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	12
Voltage trimming (potentiometer) DC			
	min	VDC	12
	Max	VDC	14
Rated output current		A	6
Rated output power		W	72
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	86
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			
Terminals type			Screw
Ambient conditions			

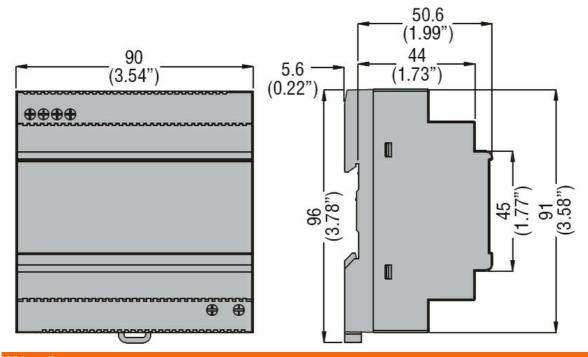


Temperature

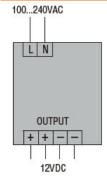
Operating	temperature
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operating temperature			
	min	°C	-40
	max	°C	+71
Storage temperature			
	min	°C	-40
	max	°C	+85
Derating		%/°C	2.5%/°C above 60°C
Housing			
Execution (n° of modules)			5
Material			Plastic
IEC degree of protection			IP20
Dimensions (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





SCHALTNETZTEIL 1PH 72W 100-240VAC 12VDC BEFESTIGUNG AUF DIN SCHIENE

	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 - DCpower supply