

LM150-20B24



- Universal 85 - 264VAC or 120 - 370VDC Input voltage
- Accepts AC or DC input (dual-use of same terminal)
- Operating ambient temperature range: -30? to +70?
- Low standby power consumption, high efficiency
- High I/O isolation test voltage up to 4000VAC
- Low ripple & noise
- Output short circuit, over-current, over-voltage, over-temperature protection
- IEC/EN/UL62368, EN60335, EN61558, GB4943 safety approved
- Over-voltage class ? (designed to meet EN61558)
- Operating altitude up to 5000m

Rating: Not Rated Yet
Price

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Description	Selection Guide					
	Certification	Part No. *	Output Power (W)	Nominal Output Voltage and Current (Vo/Io)	Output Voltage Adjustable Range (V)	Efficiency at 230 VAC (%) Typ.
	UL/CE/CCC/ICB	LM150-20B24	156	24V/6.5A	21.6 - 28.8	88
Max. Capacitive Load (μF)						
2400						
Note: *Use suffix "C" for terminal with protective cover and suffix "Q" for conformal coating.						

Power Supply Units (PSU): LM150-20B24

General Specifications							
Item		Operating Conditions		Min.	Typ.	Max.	Unit
Isolation	Input -	Electric strength test for 1min., leakage current <10mA		2000	--	--	VAC
	Input - Output			4000	--	--	
	Output -			1250	--	--	
Insulation Resistance	Input -	At 500VDC		50	--	--	M?
	Input - Output			50	--	--	
	Output -			50	--	--	
Operating Temperature				-30	--	+70	?
Storage Temperature				-40	--	+85	
Storage Humidity		Non-condensing		10	--	95	% RH
Operating Humidity				20	--	90	
Switching Frequency				--	65	--	kHz
Power Derating	Operating temperature derating	85 VAC-10 VAC	-30 ? to -25 ?	5	--	--	%/?
		12 V	+45 ? to +70 ?	2	--	--	
		15 V/24 V/36 V/48 V	+50 ? to +70 ?	2.5	--	--	
		Input voltage derating	85 VAC-10 VAC	1.33	--	--	%/VAC
Safety Standard				Meet IEC/EN/UL62368/EN60335/EN61558/GB4943			
Safety				IEC/EN/UL62368/			

Certification		EN60335/EN61558/GB4943
Safety Class		CLASS I
MTBF	MIL-HDBK-217F@25?	>300,000 h

[LM150-20B24 Specification](#)