LM150-20B48





- 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

Ask a question about this product

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.	Max. Capacitive Load (µF)
UL/ CE/ CCC /CB	LM150-20B48	158.4	48V/ 3.3A	43.2 -52.8	89	600

Note: *Use suffix “C” for terminal with protective cover and suffix “Q” for conformal coating.

General Specifications								
Item		**Operating Conditions**			**Min.**	**Typ.**	**Max.**	**Unit**
Isolation	**Input - Input-Output**	Electric strength test for 1min., leakage current <10mA			2000	--	--	VAC
	Input-Output				4000	--	--	
	Output - Output				1250	--	--	
Insulation Resistance	**Input - Input-Output**	At 500VDC			50	--	--	M?
	Input-Output				50	--	--	
	Output - 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	85VAC-100VAC	-30?to -25?	5	--	--	%/?
			12V	+45?to +70?	2	--	--	
			15V/24V/36V/48V	+50?to +70?	2.5	--	--	
		Input voltage derating		85VAC-100VAC	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

LM150-20B48 Specification