

DESCRIPTION

PRODUCT COVERED:

Component - Switching Power Supply, Information Technology Equipment, Including Electrical Business Equipment, Model Series MP4-XXX-XXX-XXX-XXX-XX-XXX, MP6-XXX-XXX-XXX-XXX-XXX-XX-XXX and MP8-XXX-XXX-XXX-XXX-XXX-XXX-XX-XXX, where X is any alphanumeric character or blank, also Models 73-580-0001, 73-560-0001, and 73-540-0001. See ILLS. 1, 2 and 3 for model no description and configurations.

ELECTRICAL RATING:

Model Series	Input		Hz	Output dc	
	V	A		V	W
MP4	100-240	7	50/60/400	2-60	400
and 73-540-0001	* 100-240	6.6	50/60/400	380	500

MP4 has up to five output modules, maximum three outputs each. Output voltages set at Factory and marked adjacent to each connector.

MP4 was evaluated for Maximum 400 W continuous output in a 50°C ambient. Maximum 200 W continuous output in a 70°C ambient evaluated with 25.1 cfm forced air-cooling. Airflow is reversible, up to 40°C at 100% load. Total loading of dual output modules not to exceed 144 W and total loading of triple output modules not to exceed 36 W.

* 73-540-0001, is a sub assembly of MP4 Series consisting of the PFC, fan and enclosure only.

Model Series	Input		Hz	Output dc	
	V	A		V	W
MP6	100-240	10	50/60/400	2-60	600
and 73-560-0001	* 100-240	9.7	50/60/400	380	750

MP6 has up to five output modules, maximum three outputs each. Output voltages set at Factory and marked adjacent to each connector.

MP6 was evaluated for Maximum 600 W continuous output in a 50°C ambient. Maximum 300 W continuous output in a 70°C ambient evaluated with 25.1 cfm forced air-cooling. Airflow is reversible, up to 40°C at 100% load. Total loading of dual output modules not to exceed 144 W and total loading of triple output modules not to exceed 36 W.

73-560-0001 is a subassembly of MP6 series consisting of the PFC, Fan and enclosure only.

Model Series	Input		Output dc		
	V	A	Hz	V	W
MP8	100-240	13	50/60/400	2-60	800
and 73-580-0001	* 100-240	13	50/60/400	380	1000

MP8 has up to six output modules, maximum three outputs each. Output voltages set at Factory and marked adjacent to each connector.

MP8 was evaluated for Maximum 800 W continuous output in a 50°C ambient. Maximum 400 W continuous output in a 70°C ambient evaluated with 25.1 cfm forced air-cooling. Airflow is reversible, up to 40°C at 100% load. Total loading of dual output modules not to exceed 144 W and total loading of triple output modules not to exceed 36 W.

73-580-0001 is a subassembly of MP8 series consisting of the PFC, Fan and enclosure only.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Special Considerations - The following items are considerations that were used when evaluating this product.

USR/CNR indicates investigation to the U. S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2 No. 950-95 *UL 1950, Third Edition, including revisions through revision dated March 1, 1998, which are based on the Fourth Amendment to IEC 950, Second Edition. Additional considerations were made to the suitability of this equipment for use in UL3101-1 applications.

The equipment is for building in, Class I (earthed), intended for use on a TN power system.

Conditions of Acceptability - When installed in the end-use equipment, consideration shall be given to the following:

1. This component has been judged on the basis of the required spacings in the Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2 No. 950-95 *UL 1950, Third Edition, Sub-Clause 2.9, which would cover the component itself if submitted for Listing.
2. A suitable electrical and fire enclosure shall be provided in the end-use.
3. The terminals and connectors have not been evaluated for field wiring.
4. These power supplies were evaluated for connection to a TN power system.
5. This power supply is considered a Class I product. The power supply shall be properly bonded to the main earthing termination in the end-use.
6. Bonding terminals provided on this equipment have not been evaluated as protective earthing terminals.
7. These power supplies have outputs that exceed 240 VA at a potential of 2 V or more.

- 8.* Model MP4, MP6, 73-540-0001, 73-560-0001, 73-580-0001, MP8 power supply series have been evaluated for use in a 50°C ambient at full rated output, 70°C ambient at 60% rated output. A 25.1 cfm external reversible fan was utilized during testing of Models MP4, MP6, and MP8 series.
9. The outputs of these power supplies are SELV and are hazardous energy levels.
10. The Capacitance Discharge Test shall be conducted in the end-use installation with the consideration of removing or opening the primary fuse, F201 for MP8 or F401 for MP4 and MP6.
11. The Leakage Current Test should be repeated in the end-use installation. Consideration shall be given to marking the end-use product with "high leakage current-earth connection essential before connecting supply."
12. Models MP4, MP6 and MP8 have been evaluated for use in a 50°C ambient at 100% rated load; 70°C ambient at 50% rated load; 40°C at 100% rated load with reverse air flow.
13. The equipment has been evaluated for use in a Pollution Degree 2 environment.