

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Component - Power Supply, Model LWT50H-5FF, -522, **-522/KE**, -525; with or without Suffix /SAF, or Suffix /SCC. Model LWT50H-6FF/SCC.

## ELECTRICAL RATING:

Model	Input			Output	
	V ac	A	Hz	V	A (+)
LWT50H-5FF	100 - 240	1.5	50/60	+5	8
				+15	1.5
				-15	1.0
LWT50H-522	100 - 240	1.5	50/60	+5	8
				+12	<b>1.5</b>
				-12	1.0
LWT50H-525	100 - 240	1.5	50/60	+5	8
				+12	1.5
				-5	1.0
LWT50H-6FF/SCC	100 - 240	1.5	50/60	+6.5	3.0
				+15	1.6
				-15	0.7
<b>LWT50H-522/KE</b>	<b>100 - 240</b>	<b>1.5</b>	<b>50/60</b>	<b>+5</b>	<b>8</b>
				<b>+12</b>	<b>2.0</b>
				<b>-12</b>	<b>1.0</b>

Total Max Load	
Ambient Temperature	Max Power, W
0°C - 40°C	50 W
50°C	40 W
60°C	30 W
LWT50H-6FF/SCC (100-120 V ac)	
0°C - 50°C	54 W
55°C	50.4 W
60°C	46.7 W
65°C	43.2 W
(200-240 V ac)	
0°C - 65°C	54 W

(+) Represents the max A per output. Total output cannot exceed the indicated max power at the ambient temperatures indicated in the table above.



## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

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

Conditions of Acceptability\_- When installed in the end product, consideration shall be given to the following:

- \*1. This component has been judged on the basis of the required spacings in the Standard for Information Technology Equipment, Including Electrical Business Equipment, **UL 60950-1, 2nd Edition, 2007-03-27 (Information Technology Equipment - Safety - Part 1: General Requirements)** and **CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03 (Information Technology Equipment - Safety - Part 1: General Requirements)**.
2. All secondary output circuits are SELV, and are not hazardous energy levels.
3. The terminals and connectors have not been evaluated for field wiring.
4. The power supply shall be properly bonded to the main protective earthing termination in the end product.
5. Bonding terminals provided on this equipment have not been evaluated as protective earthing terminals.
6. The equipment has been evaluated for use in a Pollution Degree 2 environment.
7. A suitable Electrical and Fire enclosure shall be provided.
8. The maximum working voltage present is 266 V rms; 488 V pk for LWT50H-6FF/SCC and 400 V rms; 660 V pk for others. The electric strength tests in the end-product shall be based on this value.
9. Magnetic devices (e.g. transformer, inductor) T1 employ an (OBJY2), electrical insulation system designated Class 155(F) for LWT50H-6FF/SCC and 130(B) for others.

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10. Heating test on Model LWT50H-6FF/SCC was conducted in horizontal position.

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

The equipment is:

USR, CNR: Indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, UL 60950-1, 2nd Edition, 2007-03-27 (Information Technology Equipment - Safety - Part 1: General Requirements) and CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03 (Information Technology Equipment - Safety - Part 1: General Requirements).

Class I (earthed) intended for use on (a) TN power system.