

DESCRIPTION

PRODUCT COVERED:

USR, CNR Power supplies, Models JWT100-522, -5FF and -525. May be provided with Suffix "/A", "/R", "/RA", "/B", "/C", "/RB" and "/RC".

RATINGS:

Model	V ac	Input Hz	A	Output (+)	
				V dc	A (max)
JWT100-522	100-240	50/60	1.6	+5	13
				+12	5.5
				-12	1
JWT100-5FF	100-240	50/60	1.6	+5	13
				+15	4.5
				-15	1
JWT100-525	100-240	50/60	1.6	+5	13
				+12	5.5
				-5	1

(+) - Maximum total allowable output power: 100 W.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

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

* USR, CNR indicates investigation to the U.S. 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).

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

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, considerations 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 hazardous energy levels.
3. The power supply shall be properly bonded to the main protective earthing termination in the end product.
4. The maximum working voltage primary to secondary present is 808 Vp. The electric strength test in end product shall be based on this value.

5. The equipment has been evaluated for use in a Pollution Degree 2 environment.
6. The terminals are suitable for factory wiring only.
7. Capacitor C8 did not meet the clearance distance between the body Casing and Chassis. Performed Dielectric Withstand test of 2100 V ac between the body of C8 and leads. If the potential is higher than 740 V pk between casing and body of C8, then a Dielectric Withstand Test shall be considered.
8. The power supply is considered for use in maximum ambient temperature as follows:

Maximum Ambient, °C	Mounting	Cover	Load Factor
50	Normal	Not provided	100% (100 W)
40	Normal	Provided	100% (100 W)
65	Normal	Not Provided	50% (50 W)
50	Normal	Provided	60% (60 W)
45	Horizontal	Not provided	100% (100 W)
30	Horizontal	Provided	100% (100 W)
60	Horizontal	Not Provided	50% (50 W)
40	Horizontal	Provided	60% (60 W)
40	Vertical with terminal block upper side	Not provided	100% (100 W)
30	Vertical with terminal block upper side	Provided	100% (100 W)
55	Vertical with terminal block upper side	Not Provided	50% (50 W)
40	Vertical with terminal block upper side	Provided	60% (60 W)

9. The following end-product enclosures are required: Fire and Electrical.

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