

DESCRIPTION

PRODUCT COVERED:

Component - Linear Power Supplies, Models HE12-10.2, HE15-9, HE24-7.2, HE28-6, HE48-4, HE5-18/OVP, HDD15-5, followed by -A. Suffixes after the first hyphen may be replaced by -5XX or -7XX where X is 0-9. **Model name may be followed by "G" or SXXX or SXXXG where X indicates letters and/or number 0-9.**

ELECTRICAL RATINGS:

Model	Input		Output, (dc)			W@
	V	A	Hz	V	A	
HE12-10.2-A	100/120/220/230/240	3/3/1.5/1.5/1.5	50/60	12	10.2	122
HE15-9-A	100/120/220/230/240	3/3/1.5/1.5/1.5	50/60	15	9.0	135
HE24-7.2-A, HE24-502	100/120/220/230/240	4/4/2/2/2	50/60	24	7.2	172.8
HE28-6-A	100/120/220/230/240	3/3/1.5/1.5/1.5	50/60	28	6.0	168
HE48-4-A	100/120/220/230/240	4/4/2/2/2	50/60	48	4.0	192
HE5-18/OVP-A, HE5-505, HE5-503, HE5-560	100/120/220/230/240	3/3/1.5/1.5	50/60	5	18	90
HE48-700	100/120/220/230/240	4/4/2/2/2	50/60	48	4	192
HDD15-5-A	100/120/220/230/240	3/3/1.5/1.5/5	50/60	12/15 or -12/-15	5	150

GENERAL:

Power supplies in this Section are Complementary Recognized to Components, Power Supplies, Specialty (QQIJ2).

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S 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. 60950-1/UL 60950-1, First Edition, April 1, 2003.

The component was submitted by the manufacturer for use in a maximum air ambient of 50°C.

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

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 Safety of Information Technology Equipment, CSA/UL 60950-1, First Edition, dated April 1, 2003, Sub-clause 2.10, which would cover the component itself if submitted for Listing.**
2. The products were tested on a 20 A branch circuit. If used on a branch circuit greater than this, additional testing may be necessary.
3. The secondary output circuits are ELV and are hazardous energy levels. They are not to be user accessible.
4. The secondary output circuits exceed 240 VA at a potential of 2 V or more.

5. The terminals and connectors are suitable for factory wiring only.
6. The power supply shall be properly bonded to the main protective earthing termination in the end product.
7. Magnetic device (e.g. transformer, inductor) T1 employs an Unlisted Component (OBJY3) Electrical Insulation System designated Class B.
8. The equipment has been evaluated for use in a Pollution Degree 2 environment.
9. A suitable Electrical and Fire enclosure shall be provided.
10. An external fuse rated 250 V, 2 A was used during Abnormal Test for HE24-7.2-A and HE48-4-A. An external fuse rated 250 V, 1.5 A, was used during abnormal testing for power supply HDD15-5-A, HE5-18/OVP-A, HE12-10.2-A, HE15-9-A and HE28-6-A.