

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component **Sign Accessories**, Isolated Class 2 Output, models **K2-U12-zz** and **K2-U24-zz**. **Where zz can be any alphanumeric character or blank for marketing purposes only.**

Note: USR - United States Standard, Recognized
CNR - Canadian Standard, Recognized

ELECTRICAL RATINGS:

Model No.	Input			Output		
	Voltage (VAC)	Freq (HZ)	Current (A)	Voltage (V dc) max.	Current (A) max.	Power (W) max.
K2-U12-zz	110~277Vac	50/60	0.75~0.27	12	5.0	60
K2-U24-zz	110~277Vac	50/60	0.88~0.32	24	4.2	100

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

USR - Indicates investigation to the Standard for Electric Sign Components, UL 879, 9th edition, the standard for the Light Emitting Diode Equipment for Use in Lighting Products, UL 8750, First Edition, and the Standard for Class 2 Power Units, UL 1310, Sixth Edition.

CNR - Indicates investigation to Canadian Standard for Portable and Stationary Electric Signs, CAN/CSA C22.2 No. 207-M89 and Displays Power Supplies With Extra-Low-Voltage Class 2 Outputs, CAN/CSA C22.2 No. 223-M91.

These components have been judged on the basis of the required spacings in the Standard for Light Emitting Diode Equipment for Use in Lighting, UL 8750, 1st Edition, Table 7.4, which should cover the components themselves if submitted for unrestricted Listing.

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-use equipment, consideration shall be given to the following:

1. These power supplies have been evaluated to Class 2 output requirements for dc circuits with a max. of one Class 2 output.
2. These products are suitable for use in dry, damp and wet locations.
3. These products are suitable for field installation.
4. These products are to be operated on a max. 20 A branch circuit.
- *5. These drivers were **tested - See table for ambient temperature at full load**. The maximum case temperature was measured - **See table**. The need for conducting temperature test shall be considered in the end product applications.

Model	Ambient	Tc point
K2-U12-zz	65°C	85°C
K2-U24-zz	50°C	85°C