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REPORT

on

COMPONENTS - DRIVERS FOR LIGHT-EMITTING-DIODE ARRAYS, MODULES AND CONTROLLERS

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Components, LED Drivers, Isolated LPS output, Suitable for Dry locations, Models LDS25-36-XXXUX and LDS25-36-XXXFX, where X is blank or any alphanumeric character that represents customer identity that do not affect safety.

ELECTRICAL RATINGS:

Model	Input				Output		
	V	Hz	A	W	V dc	A	W
LDS25-36-XXXUX	120-277	50-60	0.35	36	36	0.7	25
LDS25-36-XXXFX	120-277	50-60	0.35	36	36	0.7	25

TECHNICAL CONSIDERATIONS (NOT FOR UL FIELD REPRESENTATIVE USE):

USR - Indicates investigation to the United States Standard for the Light Emitting Diode Equipment for Use in Lighting Products, UL 8750, 1st edition, November 18, 2009; The Standard for Information Technology Equipment - Safety - Part 1: General Requirements, UL 60950-1, 2nd edition, revision: 2007-03-27.

CNR - Indicates investigation to the Canadian Standard for Information Technology Equipment - Safety - Part 1: General Requirements, CAN/CSA-C22.2 No. 60950-1-07, 2nd edition, revision: 2007-03.

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

These components have been judged on the basis of the required spacings in the Standard for the Standard for Information Technology Equipment - Safety - Part 1: General Requirements, UL 60950-1, 2nd edition, revision: 2007-03-27 and Standard for Light Emitting Diode Equipment for Use in Lighting, UL 8750, 1st Edition, Table 7.4 and the Canadian Standard for Information Technology Equipment - Safety - Part 1: General Requirements, CAN/CSA-C22.2 No. 60950-1-07, 2nd edition, revision: 2007-03, which should cover the components themselves if submitted for unrestricted Listing.

Conditions of Acceptability - When installed in the end-use equipment, the following are among the considerations to be made:

1. LED driver Models LDS25-36-XXXUX and LDS25-36-XXXFX have been evaluated using a resistive load resulting in an output rated current of 0.7 A, 25 W. The need for repeating tests related to heating and the Isolated LPS (LVLE) output shall be considered in the end product if the loads used result in the current exceeding the rated marked current.
2. These products have been evaluated for use in dry location. Other uses shall be considered in the end products.
3. The LED driver has been tested at 60°C ambient. Acceptable operation at a higher temperature should be determined in end products.
4. The units are intended for factory installation only.
5. The equipment shall be installed in compliance with the enclosure, mounting, strain relief, spacing, casualty and segregation requirements of the ultimate application.
6. The unit is intended for operated in a maximum 20 A branch circuit.
7. The suitability of input/output connections shall be considered in end product use.