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REPORT

on

POWER CIRCUIT AND MOTOR-MOUNTED APPARATUS

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DESCRIPTION

PRODUCT COVERED:

USL/CUL - Open type, Switching Power Supply Models:
DRL10-24-1-xyz, DRL10-12-1-xyz (+)

GENERAL USE:

The devices are open type AC/DC Switching Power Supplies intended to be used in industrial control applications for DIN-Rail mounting (building-in), permanently connected (field wired), for use in a pollution degree 2 environment (Controlled Environment).

RATINGS:

Model	Input			Output (DC)	
	Voltage (Vac)	Current (A)	Frequency (Hz)	Voltage (V dc)	Current (A)
DRL10-12-1-xyz (+)	100-240	0.25	50/60	12	0.84 A (10.08W) (++)
DRL10-24-1-xyz (+)	100-240	0.25	50/60	24	0.42 A (10.08W) (++)

(+)Where suffix 'xyz' can be any combination of letters or digits or blank and denotes special order (eg. Fixed output voltage or no LED) and is deemed not safety relevant.

(++)Derating applies as follows:

- Surrounding Air Temperature: up to +55°C full load
- Surrounding Air Temperature: +55°C to +71°C, derate linearly to 60% load at +71°C

MODEL DIFFERENCES:

Model DRL60-24-1-xyz is identical to model DRL60-12-1-xyz except for main transformer (same materials, different number of turns in windings) and output ratings.

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

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

- USL: Indicates investigation to the U.S. Standard UL 508, 17th Ed.
- * CNL: Indicates investigation to the CAN/CSA C22.2 No. **107.1-16**, **4th** Ed.

Note: USL = United States Standards - Listed.
CNL = Canadian Standards - Listed