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REPORT

on

Power Circuit and Motor-mounted Apparatus

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DESCRIPTION

PRODUCTS COVERED:

USL, CNL – Open Type Switch Mode Power Supply, model DRF480-24-1-xyz; DRF480-24-1/HL-xyz (where x, y and z can be any alphanumeric character or blank and is non safety related information). HL - designates model provided with coating; DRF480-24-1/HLIVS-xyz, HLIVS is model with coating and DC-rated input

GENERAL:

This device is open type power supply module intended for DIN rail mounting and to be used in combination with Industrial Control Equipment. This device is suitable for field wiring and for use in a pollution degree 2 environment (Controlled Environment).

RATINGS:

Cat. No.	Input Ratings	Output Ratings
DRF480-24-1-xyz; DRF480-24-1/HL-xyz	100 – 240 Vac, 50/60 Hz, 5.4 A	24-28 Vdc, 20-15.4 A; Max. output power: 480 W
DRF480-24-1/HLIVS-xyz	100 – 240 Vac, 50/60 Hz; 108 - 145 Vdc, 5.4 A	24 Vdc, 20A; Max. output power: 480 W

Surrounding Air Temperature is as follows:

- 60°C at 100% load (480W), de-rating above 60°C to 70°C at 75% load.

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

USL – Indicates investigated to United States Standard UL 508 17th edition.
CNL - Indicates investigated to Canadian National Standard C22.2 No. 107.1-01 3rd edition.

Note:

CNL = Canadian National Standards - Listed
USL = United States Standards - Listed