

CERTIFICATE OF COMPLIANCE

Certificate Number 20180116-E362999
Report Reference E362999-20151224
Issue Date 2018-JANUARY-16

Issued to: TDK-LAMBDA UK LTD
KINGSLEY AVE
ILFRACOMBE
EX34 8ES UNITED KINGDOM

**This is to certify that
representative samples of**

POWER CIRCUIT AND MOTOR-MOUNTED APPARATUS
Open type, Switching Power Supply Model:
DRL100-24-1-xyz, DRL100-24-1/C2-xyz
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.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 508, Industrial Control Equipment;
CSA C22.2 No. 107.1-16, General Use Power Supplies

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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DESCRIPTION

PRODUCT COVERED:

USL/CUL - Open type, Switching Power Supply Model: **DRL100-24-1-xyz**,
DRL100-24-1/C2-xyz (+).

GENERAL USE:

The device is an open type AC/DC Switching Power Supply 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 | Voltage (Vac) | Input Curr ent (A) | Frequency (Hz) | Voltage (V dc) | Output (DC) Current (A) |
|-----------------------------------|------------------|-----------------------------|-------------------|-------------------|-------------------------------|
| DRL100-24-1-xyz (+) | 100-240 | 2.8 | 50/60 | 24-28 | 4.2-3.6 (100.8W) (++) |
| DRL100-24-1/C2-xyz (+) | 100-240 | 2.8 | 50/60 | 24 | 3.67A (88W) (++) |

(+)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:

| Voltage range, Vac | Surrounding Air Temperature | Derating |
|--------------------|-----------------------------|--|
| 100-115 | -20°C to +40°C | Full rated load |
| | +40°C to +55°C | De-rate linearly to 75% rated load (&) |
| | +55°C to +71°C | De-rate linearly from 75% to 40% of rated load |
| 115-240 | -20°C to +55°C | Full rated load |
| | +55°C to +71° | De-rate linearly to 60% rated load |

(&)Full load applies at 115 Vac supply as defined for 115-240 Vac range.

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