



Product Service

CERTIFICATE

No. B 075029 0012 Rev. 00

Model(s):

DRJ120-24-1wxyz, DRJ120-24-1/Ewxyz

w = "-" or "/" or blank

x = CO or CO2 or blank

where CO is model with optional thin coating (QMJU2) on one side of PWB

where CO2 is model with optional thin coating (QMJU2) on both sides of PWB

Where blank is model without optional thin coating (QMJU2)

y = blank

z = blank

Brand Name:

TDK-Lambda

Technical Data

Rated Input : 100-240 VAC, 1.5A, 50/60 Hz

Pollution Degree : 2

Degree of Protection (IP): X0

Max Temperature Tma : 55°C with 100% load 70°C with 50% load

Rated output 24-28 Vdc, 5-4.3A. Maximum power: 120W

Conditions of Acceptability

When installed in an end-product, consideration must be given to the following:

- When installed in end product, the clearance and creepage distance between the hazardous parts and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test shall be conducted at end product.
- The end-product Electric Strength Test is to be based upon a maximum working voltage of: Primary-SELV/Earthed Dead Metal: 250 Vrms, 418 Vpk.
- The following secondary output circuits are PS3 energy levels: Output.
- The following secondary output circuits are at non-hazardous energy levels: Output.
- The power supply terminals and/or connectors are: Suitable for factory wiring only.
- The maximum investigated branch circuit rating is: 20 A.
- The investigated Pollution Degree is: 2.
- Proper bonding to the end-product main protective earthing termination is: Required (via Chassis).
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJ2 insulation system with the indicated rating greater than Class A (105°C): T1, L3 (Class 155(F)).
- The following end-product enclosures are required: Fire, Electrical. • Line to Line Capacitor (C3, C6) may have variation in capacitance up to 1.0 uF. Therefore, consideration shall be given in controlling the capacitance value in the end-product application with respect to capacitance discharge issue.
- Primary to Ground Capacitor (C1, C2) may have variations in capacitance up to 1000pF. Therefore, consideration shall be given in controlling the capacitance values in end product application with respect to touch current issue.
- Primary to Ground Capacitor (C4, C7, C8) may have variations in capacitance up to 2200pF. Therefore, consideration shall be given in controlling the capacitance values in end product application with respect to touch current issue.
- Humidity conditioning has been conducted by tropical condition.
- Classification of PIS has not been conducted. Therefore, all electrical components and conductors including printed wirings were assumed to be arcing/resistive PIS.
- This component has been evaluated in 'control of fire spread' method assuming appropriate fire enclosure is provided in end product. Unless the fire enclosure is made of non-combustible or V-0 material, the separation from the PIS shall be considered.

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Tested according to: EN 62368-1:2014/A11:2017

Production 026064

Facility(ies):