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## **Katalogový list spínaný zdroj pro LED**

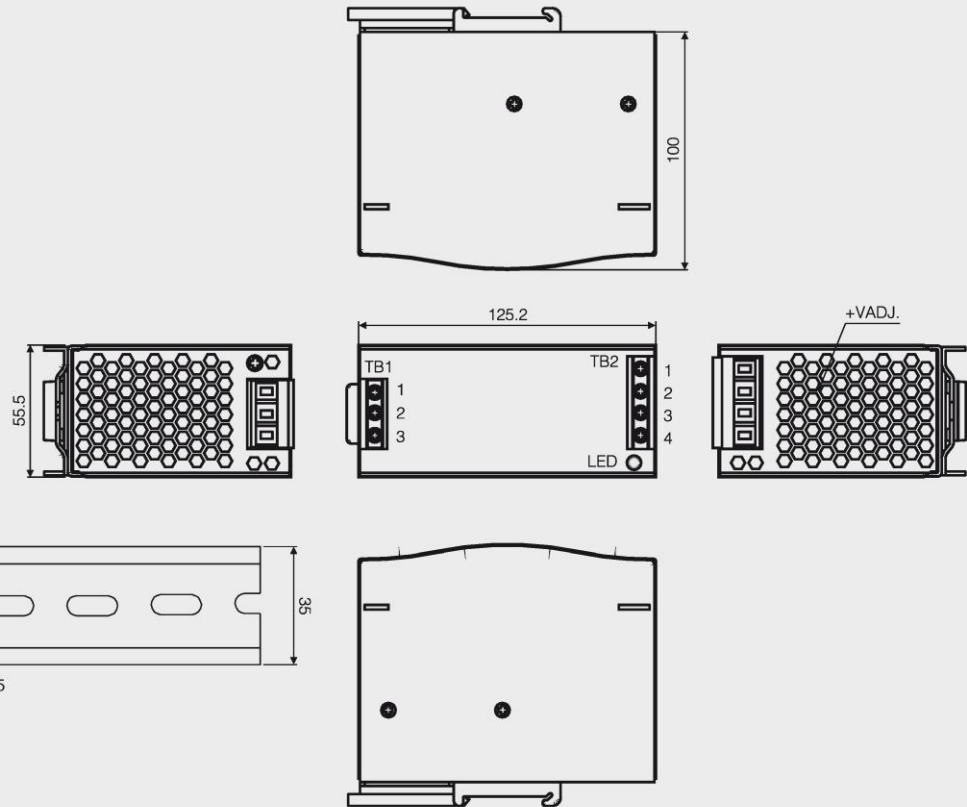
**Model TLDR-12-75, TLDR-24-75, TLPS-48-75 12-48V 75W**

|              |                           | <b>TLDR-12-75</b>  | <b>TLDR-24-75</b> | <b>TLDR-48-75</b> |
|--------------|---------------------------|--|-------------------|-------------------|
| Output       | DC voltage                | 12V  | 24V               | 48V               |
|              | Voltage tolerance         | ± 1%   | ± 1%              | ± 1%              |
|              | Rated current             | 6.3A   | 3.2A              | 1.6A              |
|              | Current range             | 0 ~ 6.3A   | 0 ~ 3.2A          | 0 ~ 1.6A          |
|              | Rated power               | 76W  | 76.8W             | 76.8W             |
|              | Ripple&noise              | 100mVp-p   | 150mVp-p          | 200mVp-p          |
|              | DC voltage ADJ. range     | -9% ~ +10%   | ± 10%             | ± 10%             |
|              | Setup, rise, hold up time | 1000ms,30ms,16ms/230VAC.   |                   |                   |
| Input        | Voltage range             | 90 ~ 264VAC 47 ~ 63Hz, 127 ~ 373VDC  |                   |                   |
|              | AC current                | 1.6A/110VAC 0.96A/220VAC   |                   |                   |
|              | Efficiency                | 79%  | 81%               | 84%               |
|              | Inrush current            | Cold start 20A/110VAC 40A/220VAC   |                   |                   |
|              | leakage current           | < 1mA/240VAC   |                   |                   |
| Protection   | Overload                  | Rated output power 110% ~ 150% Start overload protection<br>Protection type : rated current limit , auto-recovery after fault condition is removed |                   |                   |
|              | Over voltage              | 15.8 ~ 17.8V   | 27.8 ~ 31.6V      | 54 ~ 57.8V        |
| Environment  | Working temp, humidity    | -10°C ~ +60°C; 20% ~ 90%RH (Please refer to "derating curve" )   |                   |                   |
|              | Storage temp, humidity    | -20°C ~ +85°C; 10% ~ 95%RH Non-condensing  |                   |                   |
| Safety       | Withstand vibration       | 10 ~ 500Hz, 2G 10min./1Cycle, Period for 60min, Each axes  |                   |                   |
|              | Withstand voltage         | I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC   |                   |                   |
|              | Isolation resistance      | I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC   |                   |                   |
| Fit standard | Safety standard           | Fit UL1012   |                   |                   |
|              | EMC Standard              | Fit EN55022, CLASSA  |                   |                   |
| Others       | Weight                    | 0.60kg 55.5*125.2*100mm ( L*W*H )  |                   |                   |
|              | Packing                   | 0.60kg/20pcs/13kg  |                   |                   |

Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.  
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.  
3. Tolerance : includes set up tolerance, line regulation and load regulation.

## Mechanical specification

Unit:mm



Install DIN rail:TS35/7.5 or TS35/15

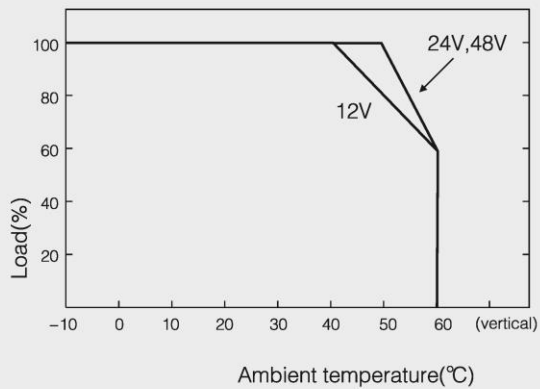
Terminal Pin No. Assignment(TB1)

| Pin NO. | Assignment |
|---------|------------|
| 1       | FG ⊕       |
| 2       | AC/N(DC+)  |
| 3       | AC/L(DC-)  |

Terminal Pin No. Assignment(TB2)

| Pin NO. | Assignment   |
|---------|--------------|
| 1,2     | DC OUTPUT +V |
| 3,4     | DC OUTPUT -V |

## Derating curve



## Static characteristic

