



# LABOR – ASTER

## INDUSTRIAL AUTOMATION



AC 083  
QMS

### POWER ADAPTER DC/DC or AC/DC type ZL5

#### PURPOSE:

Supplier **ZL5** is designed to convert any voltage from range:

- standard 8...40Vdc or 6...30Vac,
- after agreement 8...63Vdc or 6...42Vac

To any DC voltage from range 8...50V. Maximal output power is 5W. Maximal output current can be calculated from  $I < 5W/U_{out}$  formula

Typical application of the supplier is to adjust supply source voltage to required load supply voltage. An example can be supplying measurement converters made for standard 24Vdc from 10,5...15V accumulators or 10...17V solar battery.

It is also possible to lower output voltage relative to input voltage.

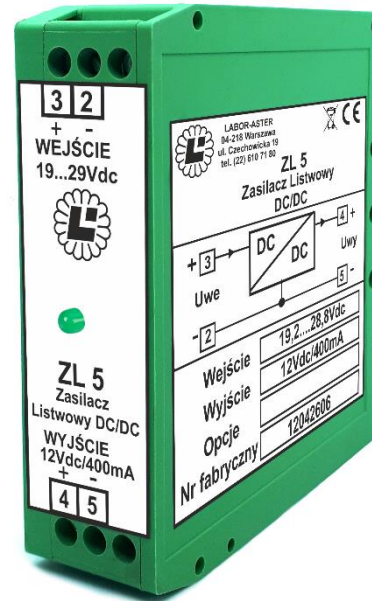
Supplier **ZL5** is made in rail mounted version (IP-40) with width of 22,5mm designed to be mounted on 35 and 32mm rail as well as wall-mounted (IP-65).

#### SPECIFICATION

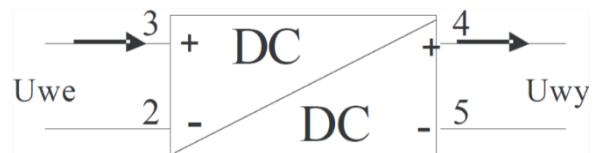
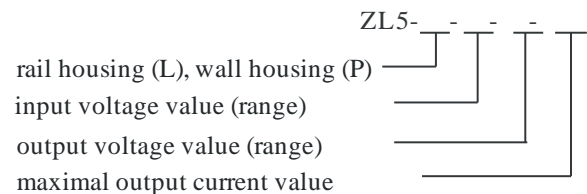
Supply voltage	- 8...40Vdc, 6...30Vac
after agreement	- 8...63Vdc, 6...42Vac
Supply current limiter	- min. $I_L = 2.4 \cdot \frac{U_{IN}}{U_{OUT}} \cdot I_{OUT}$
Output	- 8...50V
Maximal output power	- 5W
Maximal output current	- $5W/U_{out}$
Temperature stability	- 0,1%/°C
Output voltage ripple	- 15mV
Operating status indication	- LED diode
Housing	- 22,5 x 74 x 79 mm
mounting	- universal hook
Housing protection level	
rail housing	- IP40
wall housing	- IP65

#### Order example:

Supplier – Converter ZL5, rail housing, input voltage 10,5...15Vdc, output voltage 24Vdc, maximal load current 100mA: **ZL5 – (10,5-15V) – 24V – 100mA**



#### ORDERING CODE:



Production and distribution:

**LABOR – ASTER**

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The company reserves the right to make changes in the product.

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