

LA 12-5B13



LED-ADAPT

12V resistor replacement load for 5 LED lines in the trailer



12 Volt resistor replacement load for the adaptation of light emitting diode (LED) trailer lamps at vehicles with incandescent lamp monitoring. The direction indicator lamps and the contacts 9 to 13 are looped. LED-ADAPT must be mounted on a metal surface. Important: The direction indicators must be incandescent lamps or LEDs with own monitoring. Other lines may have additional load of 10W maximum, in this case monitoring is disabled.

- * **Ready for use solution with 13 pin standard connectors**
- * **Configuration: "2 incandescent lamps + 5 LED + contacts 9 to 13"**
- * **No cable work needed**
- * **The additional pins 9 to 13 are looped**
- * **Retrofitting for a factory finished trailer in case of incompatibility with a new vehicle**
- * **Failure of an LED is detected (if no incandescent lamp is connected in parallel)**

Operating voltage:

12V nominal

Load limitation:

2x4W (rear lamps),
1x34W (stop light),
1x17W (fog lamp),
1x17W (reversing lamp)

Failure monitor LEDs:

3mA (rear lamp)
8mA (stop light)
8mA (fog lamp)
20mA (reversing lamp)

Input :

Male connector 13 pin 12V
ISO'11446, 3300mm length

Output:

Female socket with flap cover
13 pin 12V ISO'11446,
600mm length

Dimensions:

280 x 70 x 25mm

Mechanical protection:

Moulded IP6K7K

Electrical protection:

Overcurrent, overtemperature,
reverse polarity

Temperature range:

-40...+75°C

Weight:

about 2850g

Mounting rule:

cooling plate 8dm² (aluminium
sheet 1.5mm thickness) or on
chassis frame,
lamp configuration only 2 x
incandescent lamps +
5xLED(+0...10W)

Order Info:

LA12-5B13