

# LA 24-7

## LED-ADAPT

### 24V-resistor replacement load for LED-lights in a trailer



24 Volt resistor replacement load for the adaptation of light emitting diode (LED) trailer lamps at vehicles with incandescent lamp monitoring. The failure of a LED unit is indicated and the replacement load is turned off. LED-ADAPT must be mounted on a metal surface. **\*\*\*CAUTION\*\*\*** The connection of any bulb on the output is prohibited. The over current protection may cut off not until after several minutes!

- \* **simply connect ahead of LED lamps**
- \* **LED-failure is indicated**
- \* **short circuit is indicated**
- \* **Serves all lines with replacement resistors**
- \* **Input cable 3,5m can be connected directly to the plug**

Operating voltage: 24V nominal

Load limitation: 2x17 W (direction),  
2x4W (rear lamp),  
1x34W (stop light)  
1x17W (fog lamp),  
1x17W (reversing lamp)

Failure monitor LEDs: 20mA (direction)  
3mA (rear lamp)  
8mA (stop light)  
8mA (fog lamp)  
20mA (reversing lamp)

Maximum output current: 0.4A (Over current protection  
time delay 1...2000s !)

Input : Sheathed cable 8 x 1mm<sup>2</sup>,  
length 3,5m, bare endings

Output: Sheathed cable 8 x 1mm<sup>2</sup>,  
length 1,2m, bare endings

Dimensions: 280 x 70 x 25mm

Mechanical protection: Moulded

Electrical protection: Overcurrent, overtemperature,  
reverse polarity

Temperature range: -40...+75°C

Weight: about 1680g

Mounting rule: cooling plate 8dm<sup>2</sup> (aluminium  
sheet 1.5mm thickness) or on  
chassis frame

Order Info: LA 24-7