

Converter

EN

Requirements:

1. The converter is suitable for incandescent lamps and luminescent diodes (LED) even with electronic devices.
2. The mounting location must not be exposed to direct splash water (de-icing salt corrodes).
3. The mounting location must have air circulation (do not wrap in insulation material)
4. All connections must be carried out carefully. Crimp isolated crimp connectors well. Insulation displacement connectors must be used according to the cable size.

Installation:

1. All wires must be dead before tapping.
2. Fix the converter with the M4 screws supplied.
3. First of all make the connection to ground (negative, clamp 31). Then connect the seven lines parallel to the loom of cables on the trailer. Use the ground line of the cable loom if present. The cables must be connected as follows (input and output are the same colour):

Rear lamp left and rear lamp right must not be connected!

Function	Code	Colour
Ground	31	○
Direction indicator, left	L	●
Direction indicator, right	R	●
Rear lamp, left	58L	●
Rear lamp, right	58R	●
Stop light	54	●
Rear fog lamp	54g	●

4. Use a test lamp to ensure correct function of the trailer socket.

Disturbances:

The short circuit protecting device prevents series fuses from blowing. When the short circuit is eliminated, the converter automatically resets itself after disconnection of the input. In case of overheating (e.g.

accumulation of heat caused by covering) the converter could heat itself to a point where the power of the bulbs is reduced. After cooling full power is available again.

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