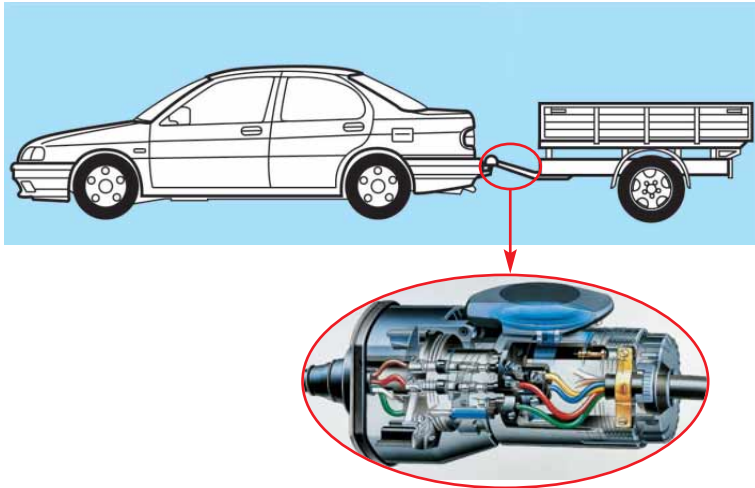


Trailer Electric System 12 V and 24 V

Trailer Electric System 12 V



7-pin system 12 V

Contact assignment according to ISO 1724 (so called N version)

Contact No.	Function	Colour cable core insulation	Max. cable cross section
1/L	direction indicator, left	yellow	1.5 mm ²
2/54g	Rear fog lamp	blue	1.5 mm ²
3/31	Earthing	white	2.5 mm ²
4/R	direction indicator, right	green	1.5 mm ²
5/58R*	Right rear light, clearance lamp, sidelight and number plate lamp	brown	1.5 mm ²
6/54	Brake lamp	red	1.5 mm ²
7/58L*	Left rear light, clearance lamp, sidelight and number plate lamp	black	1.5 mm ²

* The number plate lighting must be connected in such a way that no lamp of this device is connected to contacts 5 and 7.

13-pin system 12 V

Contact assignment according to ISO 11446

Contact No.	Function	Colour cable core insulation	Max. cable cross section
1	direction indicator, left	yellow	1.5 mm ²
2	rear fog lamp	blue	1.5 mm ²
3*	Earthing (for circuit-contact No. 1 to 8)	white	2.5 mm ²
4	direction indicator, right	green	1.5 mm ²
5**	Right rear lamp, clearance lamp, sidelight and number plate lamp	brown	1.5 mm ²
6	Brake lamp	red	1.5 mm ²
7**	Left rear light, clearance lamp, sidelight and number plate lamp	black	1.5 mm ²
8	Reversing light	pink	1.5 mm ²
9	Power supply	orange	2.5 mm ²
10	Power supply is controlled via ignition switch	grey	2.5 mm ²
11*	Earthing (for circuit contact No. 10)	white/black	2.5 mm ²
12	Trailer identification (in the plug, contact no. 12 is connected to No. 3, to indicate to the towcar whether a trailer is connected or not.)	–	–
13*	Earthing (for circuit contact no. 9)	white/red	2.5 mm ²

* The three earthing lines must not be connected in an electrically conductive manner from the trailer side.

** The number plate lighting must be connected in such a way that no lamp of this device is connected to contacts 5 and 7.