

## Electrical scheme for the Thermo Dog Trailers by WT-Metall

| Plugs' contact  |              |              |                  |                                |
|-----------------|--------------|--------------|------------------|--------------------------------|
| Contact         | Cable 7 pins | Cable 9 pins | Cable 13         | Current's circuit              |
| 7 pins / 9 pins |              |              |                  |                                |
| 1               | 1            | 3            | Yellow           | Turning left                   |
| 2               | 2            | 2            | Blue             | Fog light                      |
| 3               | Green/Yellow | Green/Yellow | White            | Mass                           |
| 4               | 4            | 4            | Green            | Turning light right            |
| 5               | 5            | 5            | Brown            | Right light                    |
| 6               | 6            | 6            | Red              | Brakes                         |
| 7               | 3            | 7            | Black            | Left light                     |
| 8               |              | 8            | Grey             | Reverse light                  |
| 9               |              | 1            | Blue /           | Permanent supply               |
| 10              |              |              | Purple           | Battery charge                 |
| 11              |              |              | Pink             | Free                           |
| 12              |              |              | Brown /          | Free                           |
| 13              |              |              | White /<br>Black | Mass for current contacts 8-12 |

| Multi-socket connector in cable conduit |              |              |                  |
|---|--------------|--------------|------------------|
| Contact in the plug                     | Board in the | Cable colour | Contact          |
| 3                                       | O            | White        | Mass             |
| 3                                       | O            | White        | Mass             |
| 9                                       | O            | Green        | Permanent supply |
| 8                                       | O            | Green        | Reverse light    |
| 2                                       | O            | Blue         | Fog light        |
| 1                                       | O            | Yellow       | Turning left     |
| 7                                       | O            | Black        | Left light       |
| 6                                       | O            | Red          | Brakes           |
| 3                                       | O            | White        | Mass             |
| 3                                       | O            | White        | Mass             |
| 5                                       | O            | Brown        | Right light      |
| 4                                       | O            | Green        | Turning right    |

| Clamps       |              |               |       |                                   |
|--------------|--------------|---------------|-------|-----------------------------------|
| Cable colour | Cable with   | Circuit board | Cable | Tester                            |
| White        | Green/Yellow | O             | Blue  | Mass                              |
| Green        | 1            | O             | Brown | Current for lights and ventilator |
| Red          | 2            | O             | Brown | 3rd brake light                   |
| Brown        | 3            | O             | Free  | Free                              |

