



* Only for EBL 31 with OVP

D+ = ON

The negative pole of the living area battery must be connected externally to the negative pole of the starter battery.

- MR -pin socket 12 F -block 3
- | | | |
|----|----|--|
| 6 | 6 | Mains indicator |
| 4 | 4 | Shunt battery |
| 1 | 1 | Shunt consumer |
| 9 | 9 | 12 V ON |
| 12 | 12 | 12 V OFF |
| 5 | 5 | 12V control |
| 2 | 2 | Negative sensor leisure area battery (batt. 2) |
| 11 | 11 | + sensor living area battery (batt. 2) |
| 8 | 8 | + starter battery (batt. 1) |
| 3 | 3 | Not assigned |
| 7 | 7 | Not assigned |
| 10 | 10 | Not assigned |

* Refrigerator lines must be routed separated from further battery lines to the battery poles.

- MNL-contractor sockets 5F-Block
- | | | | |
|---|---|-----|---|
| 2 | 5 | 2A | + Leisure battery sensor |
| 2 | 2 | | Negative leisure area battery sensor |
| 1 | 1 | 20A | + Starter battery for refrigerator * |
| 3 | 3 | 2A | D+ input |
| 4 | 4 | | Negative starter battery for refrigerator * |
- 1.5 mm² each
Max. 10 m

- MNL connector socket 4F-Block 1
- | | | |
|---|---|--------------------------------|
| 4 | 4 | + compressor/AES- refrigerator |
| 1 | 1 | + Absorber refrigerator * |
| 2 | 2 | D+ point |
| 3 | 3 | Negative, refrigerator |

- MNL-contractor sockets 15F-Block 8
- | | | | |
|----|----|---|--------------|
| 6 | 6 | + | Sockets 1 |
| 12 | 12 | - | Pump |
| 9 | 9 | + | |
| 14 | 14 | - | |
| 2 | 2 | + | Circuit 1 |
| 8 | 8 | - | |
| 3 | 3 | + | Circuit 2 |
| 10 | 10 | - | |
| 7 | 7 | + | Circuit 3 |
| 13 | 13 | - | |
| 4 | 4 | + | Multimedia |
| 11 | 11 | - | |
| 1 | 1 | + | Spare 1 |
| 5 | 5 | - | |
| 15 | 15 | | Not assigned |

* Default values, see Table 15 for maximum values