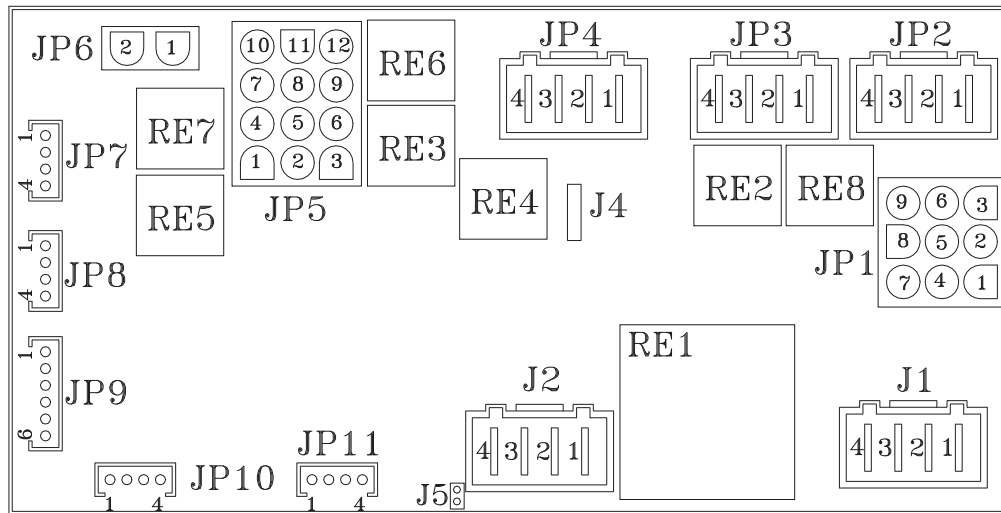


## INTERCONNECTIONS:



### JP11: CONTROL PANEL

4-pole connector to connect the control panel with the cable provided.

### JP9: TANKS (S1)

1. NEGATIVE
2. 1/3 drinking water tank S1
3. 2/3 drinking water tank S1
4. 3/3 drinking water tank S1
- 5,6. n.c.

### JP8: TANKS (S2)

1. NEGATIVE
2. 1/3 recycle tanks S2
3. 2/3 recycle tanks S2
4. 3/3 recycle tanks S2

### JP7: TANKS (S3)

1. NEGATIVE
2. 1/3 recycle tanks S3
3. 2/3 recycle tanks S3
4. 3/3 recycle tanks S3

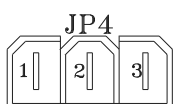
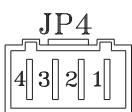
### JP10: AMPEROMETRIC SHUNT

### JP2: LIGHT OUTPUT (BLACK)

1. NEGATIVE
2. NEGATIVE
3. LIGHTS\_1 (+) (F1 15A)
4. LIGHTS\_2 (+) (F2 15A)

### JP4: FRIDGE OUTPUT (WHITE)

1. NEGATIVE
2. Gas ignition power supply (+) (F6 10A)
3. Outlet (+) refrigerator activated by relay (F5 20A)
4. Outlet (+) refrigerator direct (F5 20A)



1. Outlet (+) refrigerator direct (F5 20A)
2. Outlet (+) refrigerator activated by relay (F5 20A)
3. NEGATIVE

### J5 : COUPLER RELAY ENABLING

When the bond is removed the shunt no longer couples the batteries with the engine running.

### JP5: POWER OUTPUTS

- |            |                           |          |
|------------|---------------------------|----------|
| 9.         | Heater ignition           | (F6 10A) |
| 12.        | PUMP output (+)           | (F6 10A) |
| 1,4,5,7,8. | Ignition                  | (F8 10A) |
| 6.         | External light output (+) | (F7 5A)  |
| 2,3.       | 12V output (+)            | (F7 5A)  |
| 10.        | D+ output                 |          |
| 11.        | D+ output step in         |          |

### JP1 : NEGATIVE

1.2.3.4.5.6.7.8.9: NEGATIVE

### JP3: STEP OUT, WEBASTO (RED)

1. NEGATIVE
2. NEGATIVE
3. STEP output (+) (F3 10A)
4. WEBASTO/COMBI output (+) (F4 20/10A)

### J1: AUTO BATTERY INPUT

- 1,2. NEGATIVE
3. Input + AUTO battery (B1)
4. Input + AUTO battery (B1)

### J2: SERVICE BATTERY INPUT

- 1,2,3,4. Input + SERVICE battery (B2)

### J3 : NEGATIVE

1. NEGATIVE

### JP6: D+ INPUT, POWER MAINS ON

1. D+ input from alternator or engine starting key contact
2. POWER MAINS ON input from battery charger

### J4 : D+ OUTPUT

Positive output (max. 0.5A) to activate all charges operating with engine running (e.g. fridge AES, aerial entry, discharge valves, etc.)