



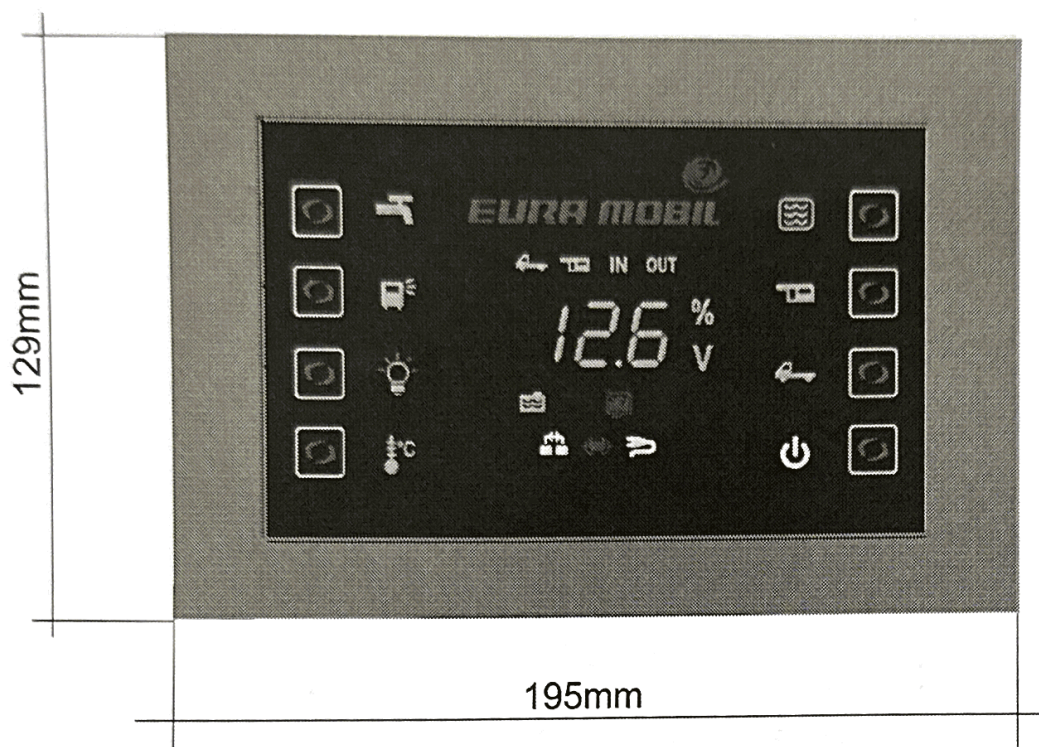
NORDELETRONICA

NE274_EU
NE355_EU

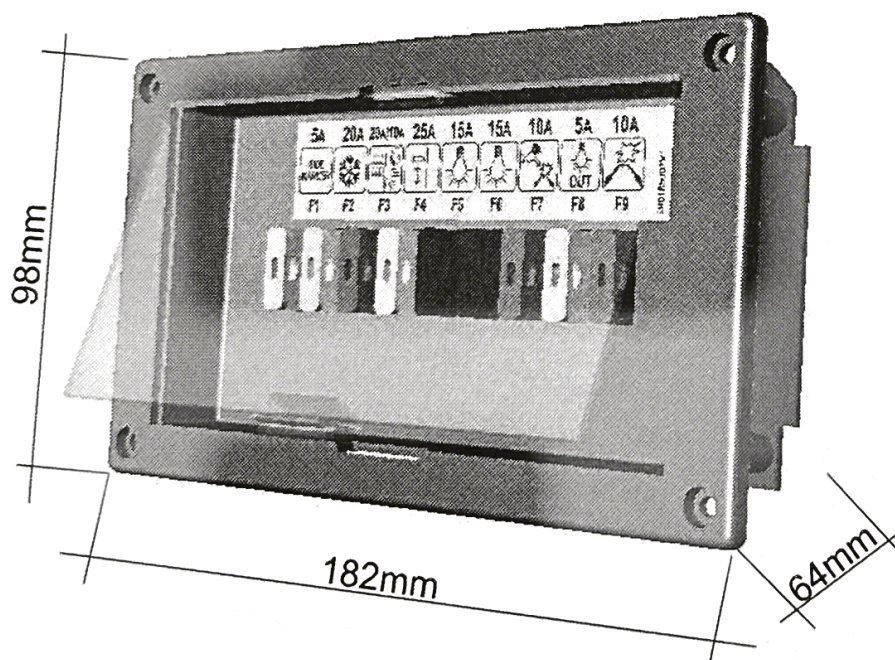
- ① ISTRUZIONI D'USO
- GB OPERATING MANUAL
- F INSTRUCTIONS D'EMPLOI
- D BEDIENUNGSANLEITUNG

PANNELLO COMANDI - DERIVATORE PORTAFUSIBILI
CONTROL PANEL - FUSEBOX
PANNEAU DE CONTRÔLE - PORTEFUSIBLE
KONTROLLPANEL - SICHERUNGSKASTEN 12V

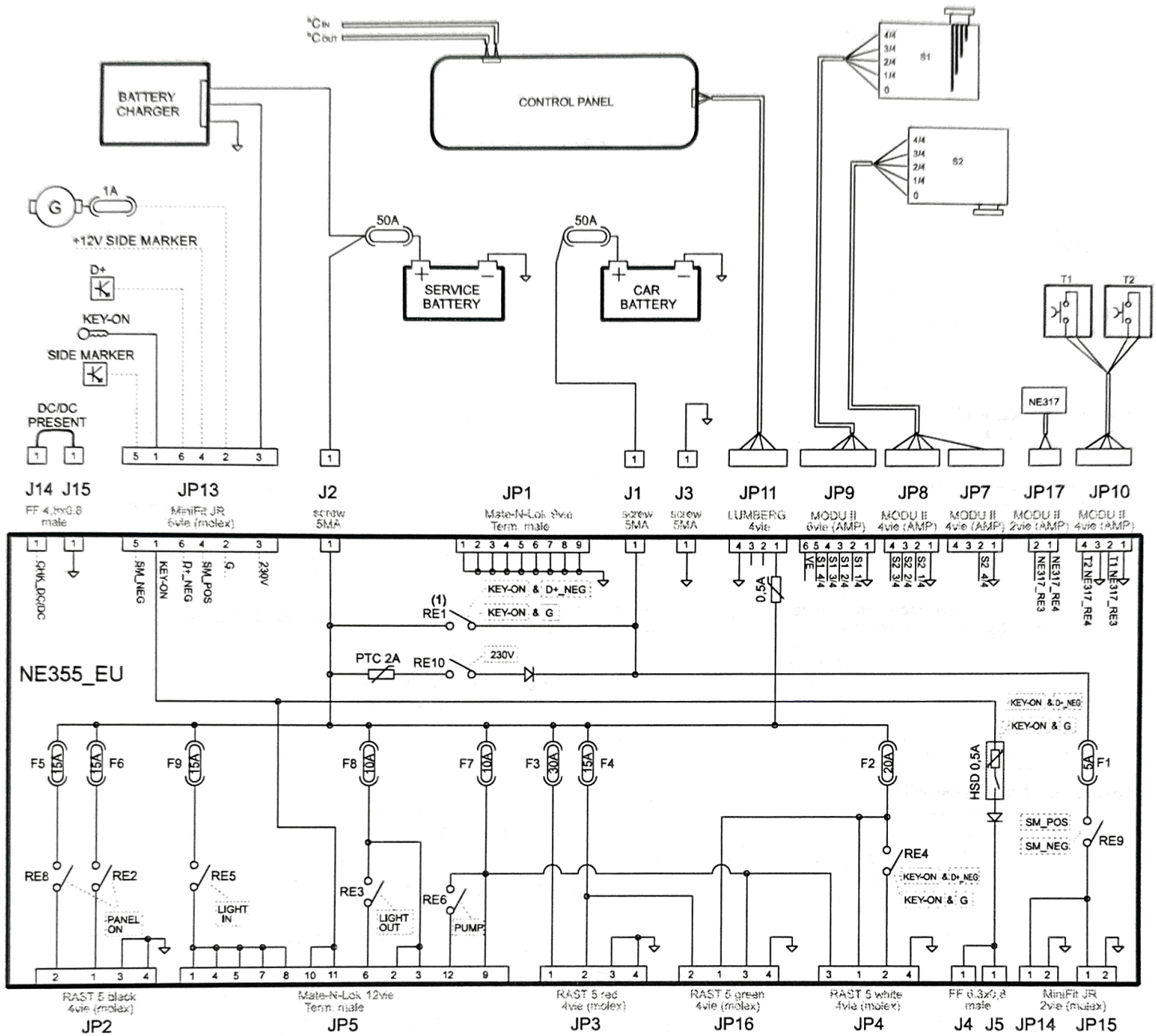
NE355/274 -EU



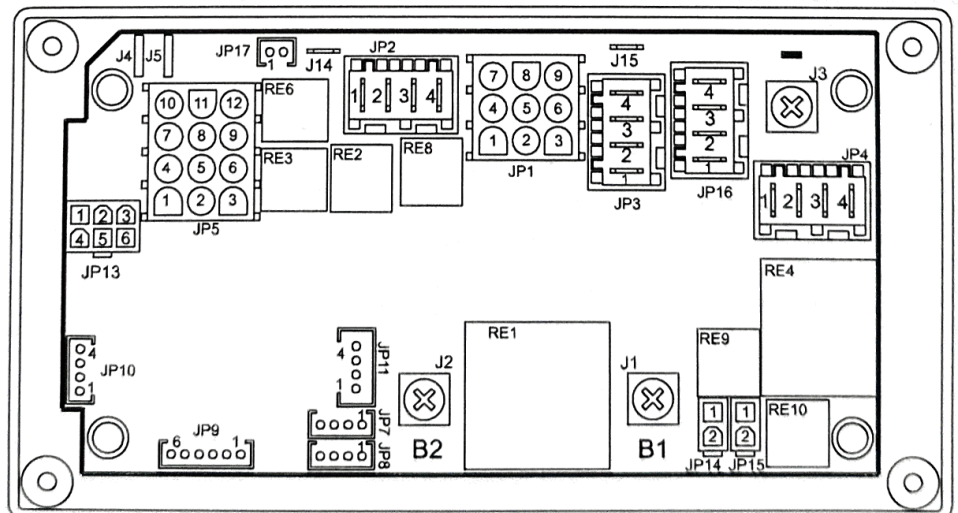
NE274



NE355



(1) RE1 disabled if J14-J15 jumper is present



Befehle
Kontrollpanel

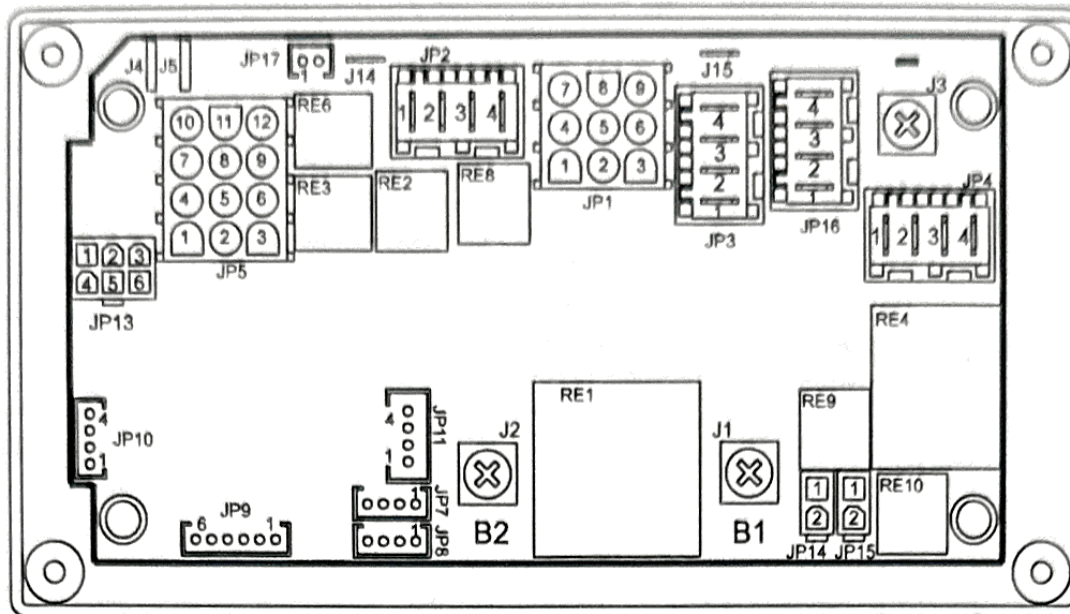
	Switches the system OFF incl. all connected consumers. Switches the system ON with any button.
	Exterior lighting ON/OFF
	Pump ON/OFF
	Switches the interior lighting ON/OFF (incl. 12V outlet, USB port, etc.)

Anzeigen:
Kontrollpanel

	230V – Connected to the power supply net, charger ready for use. If 230V power is supplied, the vehicle battery will be charged by the shunt with a current of about 2A. The charge is activated automatically when the battery voltage exceeds the services of the car battery.
	Vehicle's and supply battery are connected through a coupling relay. In such case, the supply battery is charged by the alternator when the motor is running. If there is a connection between J14 and J15, the coupler relay is not enabled. ATTENTION: DC / DC converter: If you use the DC / DC converter to charge the services battery, make the connection between J14 and J15. In this mode the coupler relay (RE1) is not enabled when the engine is running.
	Press once = Indicator light for inside temperature (IN) Press once again = Indicator light for outside temperature (OUT) - optional Error codes: "OPT" = Temperature sensor not connected "—" = Temperature sensor failure The indicator light goes out after ca. 60 seconds.
	Press once = Indicator light for drinking water tank  (0-25-50-75-100 %) Press once again = Indicator light for waste water tank  (0-25-50-75-100 %) Flashing indicator light = Drinking water empty / waste water tank full Indicator light "—" = Tank sensor connection failure The indicator light goes out after ca. 60 seconds.
	Press once = Voltage of supply battery (V) - max. 14.2V / min. 11V Press once again = Indicator light in % (rough reference value, subject to correction) If mains power is supplied  (charger is operating) or the batteries are connected when the motor is running  no indicator light in % will be shown. Instead, a flashing charge indicator light appears. The indicator light goes out after ca. 60 seconds.
	Press once = Vehicle's battery voltage (V) Press once again = Indicator light in % (rough reference value, subject to correction) If the batteries are connected when the motor is running  no indicator light in % will be shown. Instead, a flashing charge indicator light appears. The indicator light goes out after ca. 60 seconds.
	Faulty fuse in NE355EU fuse box which must be changed. For ratings, please see the fuse label in the vehicle. This feature is only available for some of the NE355EU fuse box, and not for the additional NE317 or NE331 module.

Warnmeldungen:
Kontrollpanel

 	When the vehicle's battery voltage (B1) falls below 11.8V or the voltage of the supply battery (B2) falls below 10.5V, an audible alarm is triggered (if activated) and the corresponding battery symbol flashes ( or ). The alarm continues for approx. 60 seconds. By pressing the battery button B1 or B2 for more than 3 seconds, the alarm is activated (ON) or deactivated (OFF).
 	Drinking water tank empty or waste water tank full. An audible alarm is triggered (if activated) and the corresponding tank symbol flashes   The alarm continues for approx. 60 seconds. By pressing the button  for more than 3 seconds, the alarm is activated (ON) or deactivated (OFF).
Push button Bip	By pressing the button  for more than 3 seconds, the button sound is activated (ON) or deactivated (OFF).
 	When the motor is started while the mains supply is still connected, an alarm is triggered and both symbols flash   This prevents you from driving away when the cable is plugged in so that damages are avoided. Please turn off the motor or disconnect the mains cable. The alarm will switch off automatically. If the control panel was switched off previously, it will automatically switch off again.
E1	Error message E1: Faulty connection between the control panel and the N185EU 12V fuse box. Please contact your representative!
Consumption:	When the system (control panel/fuse box) is disconnected, the power consumption is approx. 3 mA. Any consumers that cannot be disconnected must be added to this value. For the connection of the system, press any button. When connected, the power consumption of the control panel and fuse box is approx. 120mA. The respective connected consumers must be added to this value. The display on the control panel switches off automatically after approx. 60 seconds. The consumers remain connected. In this mode, the power consumption of the system is approx. 90 mA plus the connected consumers. If the voltage of the supply battery is lower than 10.5V, the system switches off automatically after 1 minute, as well as all connected consumers (except for those which cannot be disconnected). Caution: The consumers which cannot be disconnected may further discharge the battery and damage it. Damage should be avoided by the immediate recharging of the battery. Warning: If the vehicle is not used for a longer period and it is disconnected from the 230V mains supply, disconnect the supply battery from all consumers. The charge state of the battery must be checked periodically. Charge the battery, if required.



Overview connection 12 fuse box NE355-EU:

J1: CONNECTION VEHICLE BATTERY

1. Screw connection (+) vehicle battery (B1)

J2: CONNECTION BODY BATTERY

1. Screw connection (+) vehicle battery (B2)

J3: CONNECTION GROUND

1. Grounding screw connection

J4,J5 : OUTPUT D+

Positive output (Max 0.5A) for the activation/deactivation of different consumers (for ex. 12V operation cooling cabinet on, outside lights, etc.)

J14: PRESENCE DC-DC

1. Presence DC-DC (connects to the NEGATIVE)

J15: NEGATIVE

JP1 : GROUND

- 1.2.3.4.5.6.7.8.9: Ground

JP2: OUTPUT SWITCHED

(via main switch)

1. Output (+) (F6)
2. Output (+) (F5)
3. Ground
4. Ground

JP3: OUTPUT DIRECT CONNECTION B2

(not switched)

1. Output (+) (F3)
2. Output (+) (F4)
3. Ground
4. Ground

JP4: DIV. OUTPUTS B2

1. Output (+) B2 (F2)
2. Output (+) B2 (with running motor) (F2)
3. Output (+) B2 (F7)
4. Ground

JP5: DIV. OUTPUTS

9. Output (+) B2 not switched (F7)

- 1, 4, 5, 7, 8. Outputs (+) button  (F9)

12. Outputs (+) Pump, button  (F7)

6. Outputs (+) outside lighting button  (F8)

- 2, 3. Outputs (+) B2 not switched (F8)
- 10, 11. Outputs signal vehicle ignition on (max. 600 mA)

JP7: WASTE WATER TANK

2. 4/4 Waste water tank



JP8: WASTE WATER TANK

1. Ground
2. 1/4 Waste water tank
3. 2/4 Waste water tank
4. 3/4 Waste water tank



JP9: DRINKING WATER TANK

1. Ground
2. 1/4 Drinking water tank
3. 2/4 Drinking water tank
4. 3/4 Drinking water tank
5. 4/4 Drinking water tank
6. not assigned



JP10: INPUT BUTTON T1, T2

(only in connection with NE317 or NE331 additional module)

1. Ground
2. T1 connector button (ambient lighting)
3. Ground
4. T2 connector button (rear ceiling light)

JP11: CONTROL PANEL

4-pin plug for connection of the NE274 control panel (caution: use only a standard cable)

JP13: D+ , SIDE MARKER LIGHTS (for Fiat), POWER MAIN

1. Ignition on (+) signal input
2. Not assigned
3. Signal charging device (mains supply on simulated)
4. Not assigned
5. Side Marker lights signal input to ground
6. D+ signal input (connected to ground)

JP14: LEFT LATERAL SIGNALING LIGHTS OUTPUT

1. Output (+) (F1)
2. Ground

JP15: RIGHT LATERAL SIGNALING LIGHTS OUTPUT

1. Output (+) (F1)
2. Ground

JP16: OUTPUTS DIRECT CONNECTION

1. Output (+) B2 (F2)
2. Output (+) B2 (F4)
3. Output (+) B2 (F7)
4. Ground

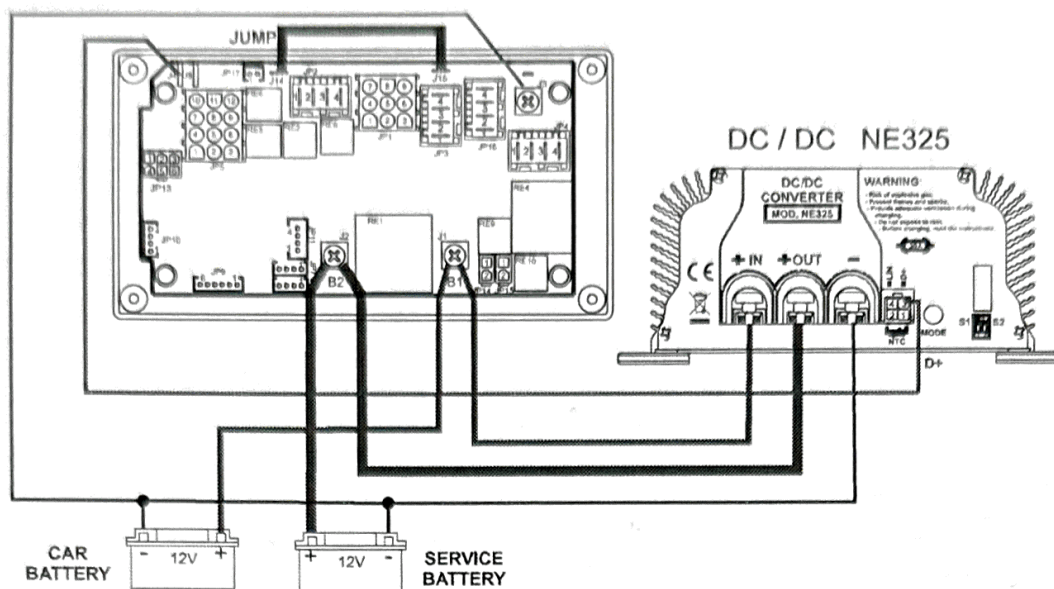
JP17: SIGNAL OUTPUTS FOR NE317/ NE331

1. Signal for RE4 – Rear ceiling lights
2. Signal for RE3 – Ambient lighting (only in connection with NE317/ NE331 additional modules)

Caution: The mains voltages (V) are distinct for the different inputs and outputs, specifically, very low voltages are present for the signal inputs and outputs. The exchange of plug connections and the connection with a too high voltage may damage the respective electronic components. Nordelectronica does not assume any liability for devices that are damaged in this manner.

The information on the assigned inputs and outputs of the NE355EU12 V fuse box must be considered as general information. Euramobil is responsible for the actual assignment of the channels. This can vary according to the vehicle type. For detailed information, please see the operating manual of Euramobil.

NE355 DC/DC CONVERTER CONNECTION



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