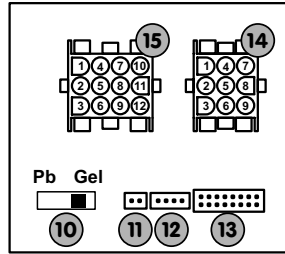
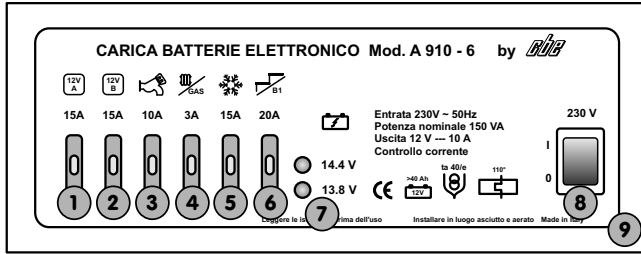


ELECTRONIC BATTERY CHARGER A910-6 (12V)



SPECIFICATIONS

- 1) FUSE 15A, for the 12V power supply of the "A" uses group, it depends on the general switch.
- 2) FUSE 15A, for the 12V power supply of the "B" uses group, it depends on the general switch.
- 3) FUSE 10A, for the water pump power supply, it depends on the general switch.
- 4) FUSE 3A, for the power supply of heating/boiler, refrigerator, gas, etc..., it's directly connected to the services battery (B2).
- 5) FUSE 15A, for the power supply of the 12V absorber refrigerator which works with working engine; it depends on the refrigerator relay.
- 6) FUSE 20A, for the electrical step power supply, it's directly connected to the starter battery (B1).
- 7) Green LED indicating the maintenance period (13,8V). - Red LED indicating the recharge period (14,4V).
- 8) On/Off safety switch 230V, to let always switched on.
- 9) FUSES inside the battery charger : fuse 20A 12V (car type), fuse 2A 230V (5x20 type), self-resetting thermal fuse (inside the transformer).
NB: these fuses are used for a further security and they must be replaced only by a specialized technician.
- 10) Commutator on the back of the battery charger for the choice of the services battery type: lead type (pb) or standing type (gel), the choice is made during the installation stage.

CONNECTIONS

- 11) 2 poles connector for the connection of the recovery tank water probe.
- 12) 4 poles connector for the connection of the drinking tank water probe.
- 13) 16 poles connector to connect with the respective connector on the control panel.
- 14) 9 poles connector for the batteries system:
 - 1-2) earth, batteries and chassis
 - 3) /
 - 4) in + starter battery (50A fuse protected)
 - 5) /
 - 6) in D+ engine alternator
 - 7-8-9) in + services battery (50A fuse protected)

16) 12 poles connector for the uses power supply:

- 1-2) out + 12V for the "A" uses group power supply
- 3) out + solar regulator power supply (directly connected to the services battery)
- 4) out + refrigerator power supply
- 5-6) out + power supply for heating/boiler, refrigerator, gas
- 7) out + water pump power supply
- 8) /
- 9) out + electric step power supply (directly connected to the starter battery)
- 10-11) out + 12V for the "B" uses group power supply
- 12) /

FUNCTIONS

- ♦ It's designed for charging of starter (lead-acid) and standing (gel) batteries connected as a buffer system, for continuous operation.
 - ♦ The battery charger doesn't work if it isn't connected to a battery with a voltage of at least 3V.
 - ♦ The system recharges the batteries in 3 cycles:
 - 1) Battery recharge at the max. current up to the end of charge value of 14,5V.
NB: this value is reached only if the battery is well-run.
 - 2) Timed completion recharge to 14,5V continuous for a time of: 20 minutes for lead-acid batteries, 6 hours and 20 minutes for gel batteries.
 - 3) Maintenance recharge to 13,8V continuous.
 In this way is assured the maintenance current for the full charge. In this cycle the recharge system chokes the thyristor in order to invalidate the voltage peak. When the battery voltage is smaller than 13,6V, the system restart from the 2nd cycle.
- STARTER BATTERY RECHARGE (B1)**
- With battery charger or solar panel: an electronic device allows a recharge (from 2 to 4A max.) of the starter battery (B1), only if its voltage is less than 12,5V and if the services battery voltage is more than 13,6V.
- This device operates only if the general switch on the control panel is "ON".

SPECIFICATIONS

- ♦ 230V 50Hz 150VA transformer, complying with the EEC Directives, with thermal fuse inside.
- ♦ Fuses: 230V 2A, 12V 20A.
- ♦ Charge cycles signalled by LED's.
- ♦ Charging control by thyristor with choking.
- ♦ Max. current control.
- ♦ Charging current: nominal 12A, arithmetic 10A.
- ♦ Consumption (disconnected 230V): 0,3mA 12V.
- ♦ Automatic charging control (14,4 / 13,8V)
- ♦ Painted aluminium case.
- ♦ Aluminium heat dissipator.
- ♦ Dimensions: 270x170 H100 - Weight: Kg. 4
- ♦ IWUoU charging line:

