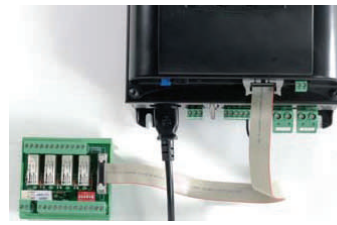


# Quartz Supervision Units



## FEATURES

Quartz supervision kit is designed to complement the Alpha rectifier.

The Quartz has built-in automatic monitoring to maintain the optimum charge levels. Advanced functions guarantee the longest life for the batteries.

Installed directly to rectifier, save space .remote display and keypad can be installed to a cabinet front panel.

Recognition of rectifier connected.

Context display mode

Parameters are menu modifiable

### **Automatic boost :**

To maintain battery charge to its optimum. Quartz supervision starts automatically the boost charge when battery depleted for more than 3 minutes.. Supervision resumes to float voltage after necessary charging time.

Daily battery circuit test

Temp compensation with remote sensing probe.

### **Remote alarms**

The I/O PCB offer 5 relays to signal status of the rectifier and the battery. Quartz supervisor remotes the alarms and fault conditions.

The most critical faults held in its memory.

5 inputs and 5 outputs for clear remote alarms.

### **End of autonomy battery disconnect**

Quartz supervision features a battery disconnection at the end of autonomy. This avoids deep discharge that are fatal to lead-acid batteries.

DC voltage surveillance.

Supervision monitors the voltage sent to batteries and will fold back to a safe condition in the advent of the battery failure.

## SAFETY / EMC

EN60950 LVD

EN55022 EMC

Battery protection against  
NF C 58-311 standard

## ELECTRICAL SPECIFICATIONS

### **INPUT**

DC Input Voltage            18VDC to 300VDC – 6watts

Display                            Two lines of eight characters

Menu browsing                Four push buttons

Relays                            1amp-250VAC

Operating temp                0°C to 50°C

Protection index                IP 20

Model Number

6 007 981                    Quartz Supervision kit

6 007 982                    Temperature probe kit

Specifications subject to change without notice

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