

# SAILOR

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## POWER SUPPLY N1401

### Failure in RE701 in N1401 when supplied from 110/127V AC mains.

When the SAILOR short-wave set is supplied from 110/127V AC mains, it has turned out that the contacts in the relay RE701 (PASI CR/B-BV938) are getting too hot and are failing.

The reason is that the contact material in CR/B-BV938 is tungsten, and when the device is operated, the contact resistance increases, the result of which is that the generation of heat with 110/127V AC power supply is so extensive that the contacts are pressed into the plastic material, and the relay is failing. The failure will only be found in sets that are operated on telex or for a very long period.

In sets supplied from 220/237V AC mains there will be no failure of this kind.

Modification of N1401 supplied from 110/127V AC mains is to be made by substituting a two-stage relay for RE701, which two-stage relay is comprising a relay provided with a printed circuit board with two supplementary relays and time delay. Further we enclose a resistor of 6.8 ohm 25 Watt and some mounting instructions.

The modification can be made by means of ordinary hand tools and a soldering iron. No boring of extra holes will be necessary.

All N1401 power supplies being supplied from 110/127V AC mains must be modified out of consideration for the reliability.

All N1401 power supplies leaving the factory of S.P.Radio A/S after medio March, 1980, will be provided with the two-stage relay.

Relays PASI CR/B-BV938, which are in stock, are to be used as spare parts for 220/237V AC sets only.

For the modification only parts that are delivered in a complete modification kit from S.P.Radio A/S should be used. The parts can be required from S.P.Radio A/S free of charge, if you state the No. of the N1401 and the T1127 concerned, and the name of the vessel.

In installations, where there are problems because the fuses in the mains are blowing, when the short-wave set is started-up (automatic fuses etc.) the two-stage relay will be able to solve the problems.

Please file this information in the service-portfolio we have sent you.

Bitte archivieren Sie diese Mitteilung in der Kundendienstmappe, die wir Ihnen gesandt haben.

Nous vous prions de bien vouloir classer ce document dans le dossier bleu qui vous a été envoyé à cet effet.

Silvante archivar esta información en la cubierta de servicio que les hemos enviado a Ustedes.

De bedes venligst arkivere denne meddelelse i den tilsendte servicemappe.



A/S S. P. RADIO

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