

KIEFEL GmbH
Sudetenstraße 3
83395 Freilassing
GERMANY
+49 (0) 8654 78 – 602
upgrades@kiefel.de
www.kiefel.com/service

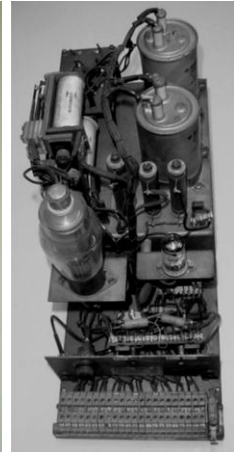
SERVICE UPGRADINGS

Joining

Generators ESA17 / ESA17-2 to ESA17-3 with self test



ESA 17-3 new



ESA 17-2
without self test

DESCRIPTION:

The electronic circuit breaker type ESA 17, ESA 17-2 and ESA 17-3 are for switching high-frequency energy on and off during operation and for an immediate electronic cut- out in case of malfunction to protect welding electrodes and tooling.

YOUR ADVANTAGES:

- ▶ **Integrated self-test**, checks the ESA on function every production cycle
- ▶ **Original KIEFEL-Retrofit Kit**, including small parts for easy retrofitting your generators
- ▶ **Cost-saving, fast and easy repair** due to user-friendly construction
- ▶ **No wearing parts**: electronic tubes and power relays were replaced by semiconductor technology
- ▶ **Longevity and quality** ensured by extensive test runs and final checks before delivery
- ▶ **Improved protection** of welding electrodes by shorter response times
- ▶ **Higher machine availability** by using maintenance-free components
- ▶ **Higher operational reliability** through new T4-sensor head (sensor and wire are checked before delivery)

We would be pleased to make a quotation according to your machine.
To provide best assistance please mention your machine type and ID-number.