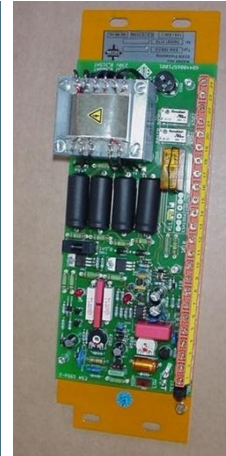


SERVICE UPGRADINGS

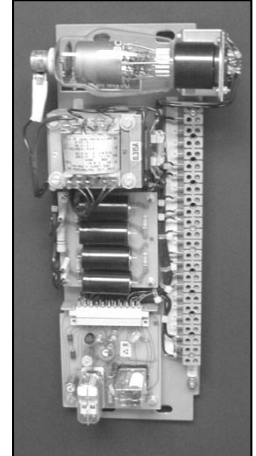
Joining

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

Generators ESA19Sd to ESA19Sd-2*



new ESA 19Sd-2



old ESA 19Sd

DESCRIPTION:

The Electronic Circuit Breaker type ESA19Sd and ESA19Sd-2 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:

- ▶ **Original KIEFEL-Spare Part**, provides 100% compatibility and easy installing
- ▶ **No wearing parts:** electrode tubes and power relays were replaced by semiconductor technology
- ▶ **Longevity and quality** guaranteed through extensive test runs and final checks before delivery
- ▶ **Improved protection** of welding electrodes through shorter switching times
- ▶ **Higher machine availability** by using maintenance-free components
- ▶ **More than 20% cost-savings** compared to the previous model

* ESA 19Sd is available for many HF-Generators

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