

## Three-phase transformer, 100kV



## Three-phase transformer, 150kV



# Three-phase transformer

KRAFT three-phase high voltage transformer-rectifier for ESP is built in same construction and design as the well proven, single phase TR unit with highest reliability. The secondary voltage characteristic is close to pure DC which means that, among others, sparking in ESP can be reduced to a minimum. All warning and tripping alarms are according to comparable single phase type and options like earthing switch and silicone oil can be applied as well.

## Main features

- Symmetrical load on feeding 3-phase net.
- Approximately 20 % higher secondary average voltage which means that ESP voltage can be reduced with 20 % to get the same ESP current as for single phase TR.
- In principle unlimited power, todays biggest type is 90 kV at 4000 mA.
- Energy saving through opacity controlled output power by MicroKraft controller.

## Technical data

Primary voltage	380-660V 3phase, 50/60Hz	Colour	RAL 7032 as standard
Secondary voltage	60-150 kV	High voltage outlet	Vertical or horizontal
Secondary current	200-4000 mA	Control Cabinet	IP 44 as standard
Degree of protection	Tank IP65 Low voltage junction box IP54		MicroKraft control unit RAL 7035
Coolant media	Mineral or silicon oil		Internal or external earthing switch