OKE24 IEEE

Ohmic coupling electrode for air-insulated switchgears with ohmic tap

Ohmic terminations provide a compact means of precise voltage measurement in transformer stations. They are typically installed in air-insulated switchgears and can be used in combination with e.g. CAPDIS-4o as a voltage transformer substitute or with the IKI-50 for voltage measurement.

- Sensors for air-insulated switchgears 12 - 36 kV
- Mounting as a coupling electrode within the switchgear or cable room.
- Voltage measurement in conjunction with the control device for the transformer station Grid-Inspector IKI-50 or the voltage amplifier CAPDIS-4o.
- Distribution of the signal to multiple evaluation devices possible: connection of up to five IKI-50 on a set of OKE
- Secondary voltage 3.25 VAC
- Suitable for new installations and retrofits
- Pluggable BNC connector for secondary side
- OKE12 and OKE24 can be attached directly to air-insulated end closures via optional coupling electrode mounting set, without having to intervene in the switchgear.

Version

Operating voltage 24 kV, Measured value deviation 0.5 %, Tested according to IEEE specifications

Other variants

Item number	Description
2045226	OKE 12, 12 kV | 0.5 %
2045227	OKE 24, 24 kV | 0.5 %
2045228	OKE 36, 36 kV | 0.5 %
2045241	OKE 12, 12 kV | 0.2 %
2045242	OKE 24, 24 kV | 0.2 %
2045243	OKE 36, 36 kV | 0.2 %
2045500	OKE12 IEEE, 12 kV | 0.5 %, IEEE version
2045501	OKE 24 IEEE, 24 kV | 0.5 %, IEEE version

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Ohmic coupling electrode for air-insulated switchgears with ohmic tap

Item number	Description
2045503	OKE 36 IEEE, 36 kV | 0.5 %, IEEE version

Technical Data

Device data

Article number	2045501
Product designation	OKE 24 IEEE, 24 kV | 0.5 %, IEEE version
Standard	IEEE

Dimensions

Mounting	For retrofit air-insulated switchgears

Rated voltage	24.0 kV
Secondary voltage	3.25 V
Divider ratio	200 M / 32,5 k
Mounting	For retrofit air-insulated switchgears

Accessories

Article number	Product designation
2512206	Coupling electrode mounting set for connecting the capacitive coupling electrode to a cable termination

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