OAS12

Ohmic sensor for connectors

Ohmic terminations offer a compact possibility for precise voltage measurement in transformer stations. They are typically installed in connector sets and can then be used in combination with e.g. CAPDIS-4o as a voltage transformer replacement or with the IKI-50 for voltage measurement.

Properties

- Mounting as a terminating piece in the plug set
- Voltage measurement, for example, 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 several evaluation devices possible: connection of up to five IKI-50 to one set of OAS possible
- Secondary voltage 3.25 VAC
- Suitable for new installations and retrofits
- Pluggable BNC connector for secondary side

.

Variant

Operating voltage 12 kV, measured value deviation 0.2 %

Compatible connector sets

Nexans 400TB, K400TB, KAA4, Suedkabel SEHDT 23, (symmetrical T-Connectors)

Other variants

Item number	Description
2045201_H001	OAS24 R2, 24 kV, 0.5 %, for Nexans 400TB, K400TB, KAA4, Suedkabel SEHDT 23, (symmetrical T-Connectors)
2045219_H001	OAS12 R2, 12 kV, 0.5 %, for Nexans 400TB, K400TB, KAA4, Suedkabel SEHDT 23, (symmetrical T-Connectors)
2045220_H001	OAS12, 12 kV, 0.5 %, for NKT CB 24-630 M12 up to 300 mm2
2045237_H001	OAS12 R2, 12 kV, 0.2 %, for Nexans 400TB, K400TB, KAA4, Suedkabel SEHDT 23, (symmetrical T-Connectors)

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Item number	Description
2045238_H001	OAS24, 24 kV, 0.2 %, for Nexans 400TB, K400TB, KAA4, Suedkabel SEHDT 23, (symmetrical T-Connectors)
2045239_H001	OAS12 R2, 12 kV, 0.2 %, for NKT CB 24-630 M12 up to 300 mm2
2045268_H001	OAS24 R2, 24 kV, 0.5 %, for TE Connectivity: RSTI-58xx, RSTI-CC-58xx(coupling) RSTI-SA-58xx(Surge Arrestor) (asymmetrical)
2045269_H001	OAS24 R2, 24 kV, 0.2 %, for TE Connectivity: RSTI-58xx, RSTI-CC-58xx(coupling) RSTI-SA-58xx(Surge Arrestor) (asymmetrical)
2045271_H001	OAS24 R2, 24 kV, 0.5 %, Nexans 430TB
2045272_H001	OAS24 R2, 24 kV, 0.2 %, Nexans 430TB
2045601_H001	OAS24 R2, 24 kV, 0,5 %, for NKT CB 24-630 M12 up to 300 mm² / NKT CB 36-1250 M16 up to 630 mm² bei 24 kV, Suedkabel SET 24
2045602_H001	OAS24 R2, 24 kV, 0.2 %, for NKT CB 24-630 M12 up to 300 mm² / NKT CB 36-1250 M16 up to 630 mm² bei 24 kV, Suedkabel SET 24

Technical Data

Device data

Article number	2045237_H001
Product designation	OAS12 R2, 12 kV, 0.2 %, for Nexans 400TB, K400TB, KAA4, Suedkabel SEHDT 23, (symmetrical T-Connectors)

Rated voltage	12.0 kV
Secondary voltage	3.25 V
Divider ratio	100 M / 32,5 k
Mounting	Nexans Euromold 400TB, Nexans Euromold K400TB, Nexans Euromold KAA4, Suedkabel SEHDT 23

Accessories

Article number	Product designation
2500483	Adapter switch | 1F to 2F | 0.2 m
2500624	Extension for Y-cable | 3 m
2500625	Extension for Y-cable | 1.5 m
2509392	Coaxial cable| RG62 | l=2m | BNC-plug
2509395	Coaxial cable | RG62 | l=6m | BNC-plug

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Article number	Product designation
2500486_H001	Connecting cable IKI-OAS; length = 400 mm flat plug - system plug Double flat plug sleeve

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