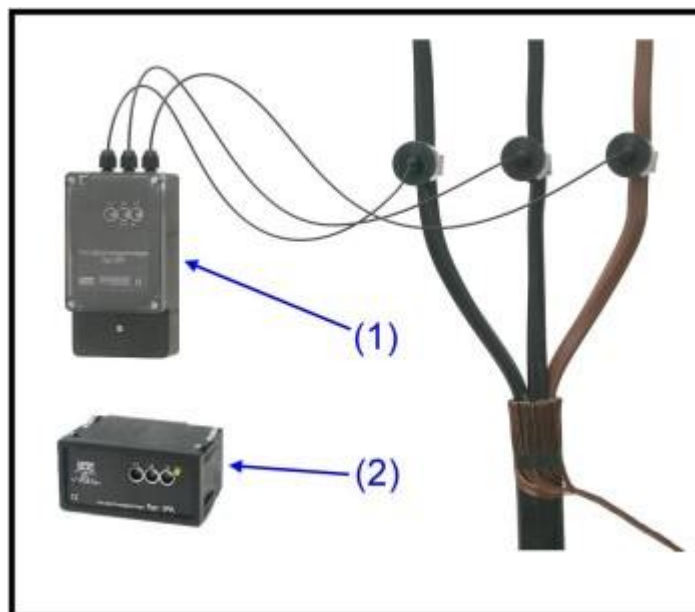


Voltage Indicator type SPA

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Application

The voltage indicator type SPA can be used in high voltage networks with a rated voltage of 5 - 35 KV. The voltage indicator monitors the power level in the network. The result of the evaluation can be transmitted to a separate control panel (remote indication) or can be indicated at the instrument itself.



General Description

The voltage indicator is available in two basic versions.

1) voltage detection, voltage indication, remote indication for each of the three cores.

2) voltage detection, voltage indication, remote indication for only one core.

Each instrument consists of a sensor, a reading instrument, and a light mains.

The sensors have to be installed with cable straps on unscreened cables.

The reading instrument (surface-mounted (1) or panel mounted (2)) is installed outside the high voltage area and is connected to the sensors via light mains (standard length 1400 mm).

The instrument is supplied with power from the surroundings of the high voltage cable (via two potential plates).

This power charges a capacitor, which discharges periodically via a neon lamp.

The light flashes of the lamp are transmitted to the reading instrument via light mains and evaluated by the reading instrument.

The reading instrument needs auxiliary voltage for operating (confer Technical Data).

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Order-no. of Voltage Indicator type SPA

version	operating voltage of network (KV)	1-core-system		3-core-system	
		remote indication		remote indication	
		without	N/O contact	without	N/O contact
surface mounted	5-9	35.03.01	35.05.01	35.04.01	35.06.01
	10-19	35.03.02	35.05.02	35.04.02	35.06.02
	20-35	35.03.03	35.05.03	35.04.03	35.06.03
panel mounted	5-9	35.07.01	35.08.01	35.09.01	35.10.01
	10-19	35.07.02	35.08.02	35.09.02	35.10.02
	20-35	35.07.03	35.08.03	35.09.03	35.10.03

Order Data

High Voltage Indicator type SPA

power supply:.....V

order-no.:.....

length of light mains:.....mm



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