

## Main product features

- Indication of 'Live Line Voltage' by LED flashing
- For Screened Elbow Connectors
- According to EN / IEC 61243-1 'Live working Voltage detectors'
- Life time 20+ years with no calibration need
- 50/60 Hz compatible

## Product family context

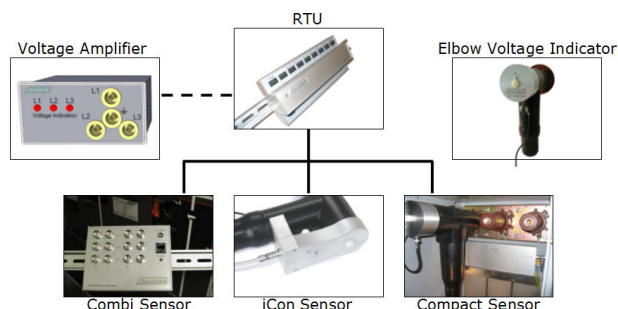
The High Voltage Indicator is part of the Jomitek substation automation sensor suite, featuring the transformer less measuring sensors for voltage and current.

## Technical specification

<b>Power supply</b>	No external power supply No batteries
<b>Measurement range</b>	
- Threshold min. Voltage	10% x Un
- Threshold max. Voltage	45% x Un
- Nominal Voltage, Un	3-50kV
<b>Indication type</b>	LED Flash
- Flash Frequency, min.	1Hz
<b>Mechanical properties</b>	
- Long term temp. range	-25 to +80°C
- Short term temp. range	-40 to +105°C
- Expected lifetime	20+ years
- Calibration stability	20+ years
<b>Elbow Connectors:</b>	Tyco RSTI-58 series
- Screened connectors	Kabeldon 24kV
- Specify at ordering	F&G 24kV
	NKT 24kV and 36kV
	Euromold 24-36kV

Installation guidelines provided on request.

The Jomitek substation automation sensor suite, including RTU



## Illustration



## General description

The Voltage Detector is made of aluminium and it replaces the original cover (3) on the capacitive test point (2) of the elbow connector. The indicator is powered by the capacitive coupling to the high voltage line. The indicator is well screened against external disturbances, such as neighbouring phases or radio transmitters.

