

**APPLICATION:**

Voltage indicators 50Hz in the networks from 200V up to 110kV.

Consistent with PN-EN 61243-1.



Housing of high quality PC  
Total length -24 cm  
Weight - 0,4 kg

The indicator is adjusted to be fitted on the standard insulating stick according to PN-IEC 832 with grooved tip.

Installing the indicator on UDI type stick requires an adjusting tip enclosed in the set.

Operating and efficient indicator produces periodical audio and light signals.

Voltage control is carried out in the way of touching to examined area with the contact stud.

In case the place is under voltage, periodical audio and light signals change into constant.

The indicator is powered by the typical 9V battery. Alkaline batteries ensure minimum 24 hours of continuous device operation.

The device is delivered in hard case, with battery, manual and warranty card.

**PN-EN 61243-1**

**Unipolar acoustic-optical  
bar voltage indicator**

<b>JWNd-110</b>	<b>110 kV</b>	<b>040 341</b>
<b>JWNd-12/36</b>	<b>12 - 36 kV</b>	<b>040 331</b>
<b>JWNd-3/10</b>	<b>3 - 10 kV</b>	<b>040 321</b>
<b>JWNd-0,2/1</b>	<b>200 - 1000 V</b>	<b>040 311</b>
type	Nominal voltage range	Cat. No.

APPLICATION:

Voltage indicators 50Hz in the networks from 48V up to 1000V.



Housing of high quality PC  
Total length -24 cm  
Weight - 0,35 kg

Operating and efficient indicator produces periodical audio and light signals.  
Voltage control is carried out in the way of touching to examined area with the contact stud.  
In case the place is under voltage, periodical audio and light signals change into constant.

The indicator is powered by the typical 9V battery. Alkaline batteries ensure minimum 24 hours of continuous device operation.

The device is delivered in hard case, with battery, manual and warranty card.

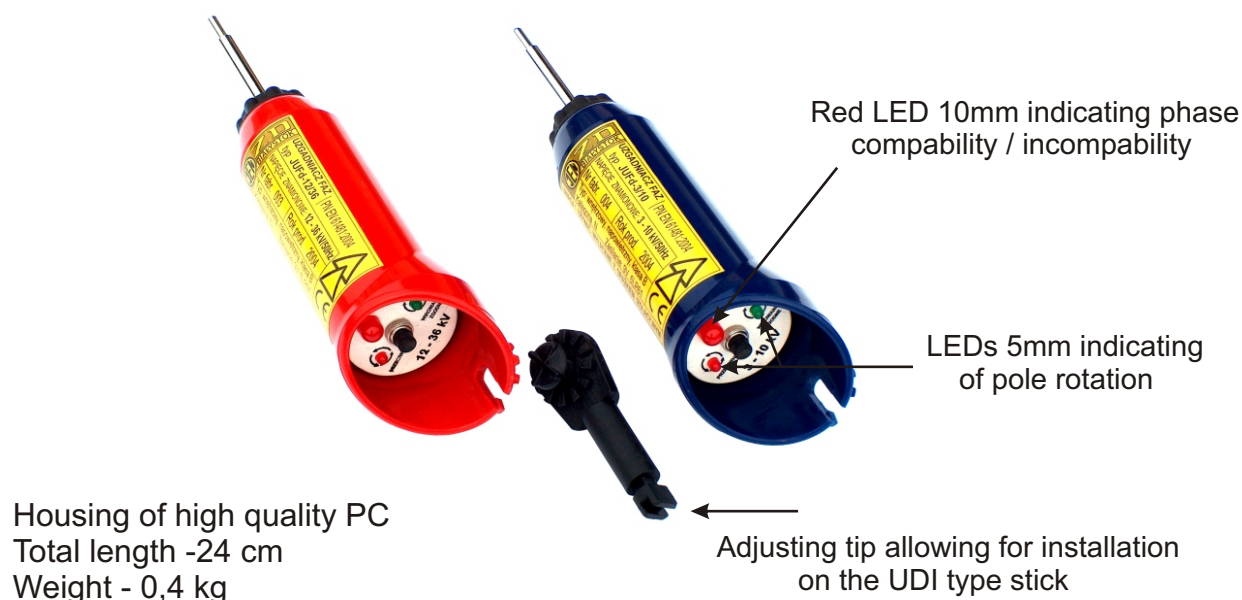
Unipolar acoustic-optical  
manual voltage indicator type **JWNr-0,05/1**

Cat. No. **040 351**

**APPLICATION::**

- \* Phasing Device and Indicators of Pole Rotation Direction  
in the 50 Hz triphase network with the voltage from 3 to 36 kV and of 120° interphase angle.

Compliant with **PN-EN 61481**.



- Phasing device is adjusted to be fitted on the standard insulating stick according to PN-IEC 832 with grooved tip. Installing the indicator on UDI type stick requires an adjusting tip enclosed in the set.
- Built-in Auto-Test prevents from using the device with low level batteries or with detected defect.
- Operating, efficient phasing device produces short solitary signals with 2 seconds intervals.
- Contact with the voltage is indicated by the continuous signal, denoting saving the phase info, when the info is saved the signal changes for periodical.
- Five short signals with interval each 2 seconds inform about saving the phase info when the voltage is discontinued. The phase info is saved for maximum 25 seconds.!
- Periodical acoustic and optical signals indicate compatibility of measured and saved phases.
- Continuous acoustic and optical signal indicates incompatibility of measured and saved phases. According to the standard, continuous signal appears also when it is impossible to indicate the phase clearly, ex. in case of disturbances.
- When the phase is saved, touching consecutively two other phases means measuring the direction of rotation and in effect appropriate LED 5mm puts on with continuous light.
- Short and fast sounds and interchangeable blinking of 5mm LEDs indicate expiration of the phase memory time and precede automatic switching off the phasing device.
- All featuring signals are strong and easily recognisable.
- The phasing device is powered by 9V batteries.
- The device is delivered in hard case, with battery, manual and warranty card.

- \*-If after saving the phase, the device has no contact with any other voltage, the memory will be cancelled after 13 seconds.  
-Touching any other phase during the the save mode restarts the 13 second period  
-Phase memory is always cancelled only after 25 seconds.

JUFd-12/36	12 - 36 kV	040 531
JUFd-3/10	3 - 10 kV	040 521
type	Nominal voltage range	Cat. No.



#### APPLICATION::

- \* Phasing Device and Indicators of Pole Rotation Direction  
in the 50 Hz triphase network with the voltage from 48 to 500V and of 120° interphase angle.



Housing of high quality PC  
Total length -24 cm  
Weight - 0,35 kg

- Built-in Auto-Test prevents from using the device with low level batteries or with detected defect.
- Operating, efficient phasing device produces short solitary signals with 2 seconds intervals.
- Contact with the voltage is indicated by the continuous signal, denoting saving the phase info, when the info is saved the signal changes for periodical.
- Five short signals with interval each 2 seconds inform about saving the phase info when the voltage is discontinued. The phase info is saved for maximum 25 seconds.!!\*
- Periodical acoustic and optical signals indicate compatibility of measured and saved phases.
- Continuous acoustic and optical signal indicates incompatibility of measured and saved phases. According to the standard, continuous signal appears also when it is impossible to indicate the phase clearly, ex. in case of disturbances.
- When the phase is saved, touching consecutively two other phases means measuring the direction of rotation and in effect appropriate LED 5mm puts on with continuous light.
- Short and fast sounds and interchangeable blinking of 5mm LEDs indicate expiration of the phase memory time and precede automatic switching off the phasing device.
- All featuring signals are strong and easily recognisable.
- The phasing device is powered by 9V batteries.
- The device is delivered in hard case, with battery, manual and warranty card.

Unipolar acoustic-optical phasing device  
and indicator of rotation direction type **JUFr-0,05/0,5**

Cat. No. **040 551**