

WNL-3

FAEN

ACCESSORIES

WNL-3

VOLTAGE INDICATOR

PASSION

EXPERIENCE

RELIABLE CONSTRUCTIONS





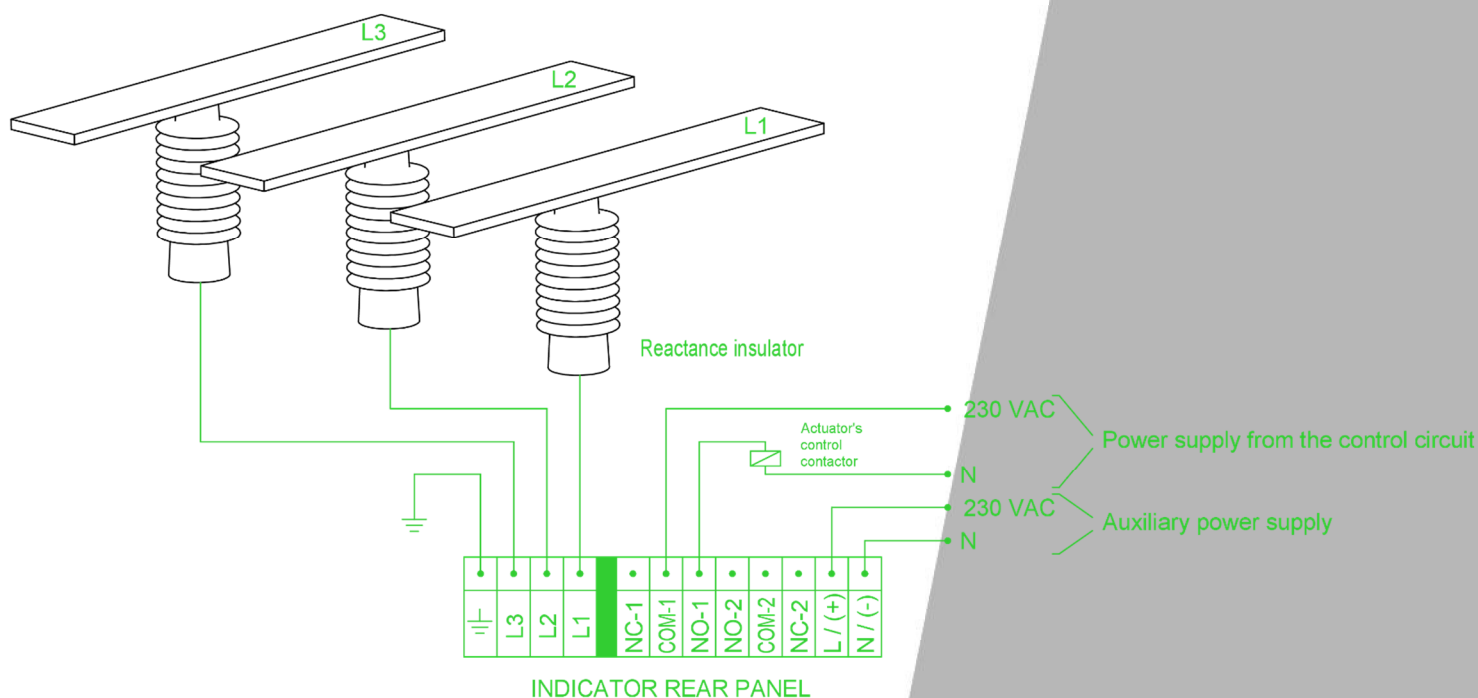
SPECIFICATION

- Compatible with reactance and resistance insulators from various manufacturers;
- Configurable sensitivity level of the device depending on the application;
- Modular design;
- Ideal replacement for exploited equipment;
- Voltage presence indication on each phase;
- Isolated potential-free operating status signal in the form of 2x NO/NC relay;
- Possibility of cooperation with MV and LV switchgear automation;
- Low power consumption;
- Possible degrees of protection: IP40 and IP54 (from the front);
- A solution tailored to the needs of industrial power generation;

TECHNICAL DATA

No.	Parameter	Value
1.	Range of rated signaling currents	25-600 [μ A]
2.	Range of limit signaling currents (tripping threshold - configurable)	10-100 [μ A]
3.	Rated frequency	50 [Hz]
4.	Switching auxiliary contacts	2x NO/NC
5.	Load capacity of auxiliary contacts	8 [A] / 230 [VAC]
6.	Auxiliary supply voltage	85-265 [VAC] 110 [VDC] 220 [VDC]
7.	Power consumption	<2 [VA]
8.	Screw terminals	2,5 [mm ²]
9.	Operating temperature	-20 ÷ +55 [°C]
10.	Degree of protection	IP40 (IP54 – option)

SCHEMATIC DIAGRAM



DESCRIPTION OF OPERATIONS

Voltage indicator type WNL-3 is a device used to signal the presence of voltage on the buses of MV and LV switchgears. It is adapted to work with an insulator equipped with a built-in reactance or resistance divider. Individual phases voltage is indicate by optical element which are three two-color LEDs visible from the front of the indicator. The red and green colors allow unambiguous interpretation of the grid status. In addition, the device has a built-in executive element in the form of a relay that allows the signal to be transmitted to automation devices. The use of the indicator allows the introduction of additional interlocks in the maneuvering of switchgear apparatuses increaseng the safety of system users.



NOTES

CONTACT

Fabryka Aparatów Elektrycznych i Napędów Sp. z o.o.

Email: biuro@faen.com.pl

Phone: +48 59 725 56 52

Address: Dworcowa 6K, 84-351 Nowa Wieś Lęborska, Poland