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DUSPOL LOW VOLTAGE DETECTORS (COMPACT, EXPERT, DIGITAL PLUS)

The DUSPOL is a diode low-voltage acoustic-visual direct/alternating current circuit continuity detector and phase swirl direction detector (two-conductor's method).

The detector's design meets the requirements of the standards: PN-EN 61243-3:2002 and DIN VDE 0682-0401.

The advantages are as follows:

- high level of electrical safety, automatic signalling AC/DC protects user from mistaken interpretation,
- auto-test enables to check the internal electronic circuits and measuring conductors' condition,
- vibration alarm for voltage detection,
- lighting of work location,
- high mechanical strength of housing,
- F1 safety switch released at 30 mA current,
- high protection class of housing: IP64.

Parameters of the detectors:

Type/Description	COMPACT	EXPERT	DIGITAL PLUS
Readout	LED	LED	LCD
AC/DC voltage measuring range	12 to 750 V	12 to 750 V	12 to 750 V
Test of connections	-	LED	LCD
Phase swirling	-	Yes	Yes
Checking of phases' voltage	-	LCD	LCD
Polarization	Yes	Yes	Yes
Measurement switched on by pushbuttons	Yes $I_s = 200$ mA	Yes $I_s = 200$ mA	Yes $I_s = 200$ mA
Vibration alarm	-	Yes	Yes
Lighting of work location	-	Yes	Yes
Protection class	IP 64	IP 64	IP 64
Voltage class	A	A	A
Acoustic signalling	-	Yes	Yes
Measurements' recording	-	-	Yes

Power supply:

- LR03/AAA (3V) – 2 pcs.
- Batteries wear indication: by auto-test

Environmental and storage conditions:

- temperature: -10°C to 55°C
- relative humidity: 20 - 96 %

Weight: 200 g (including batteries)

Warranty term: 24 months since the date of sale.

The DUSPOL digital low-voltage detectors are denoted by CE mark.

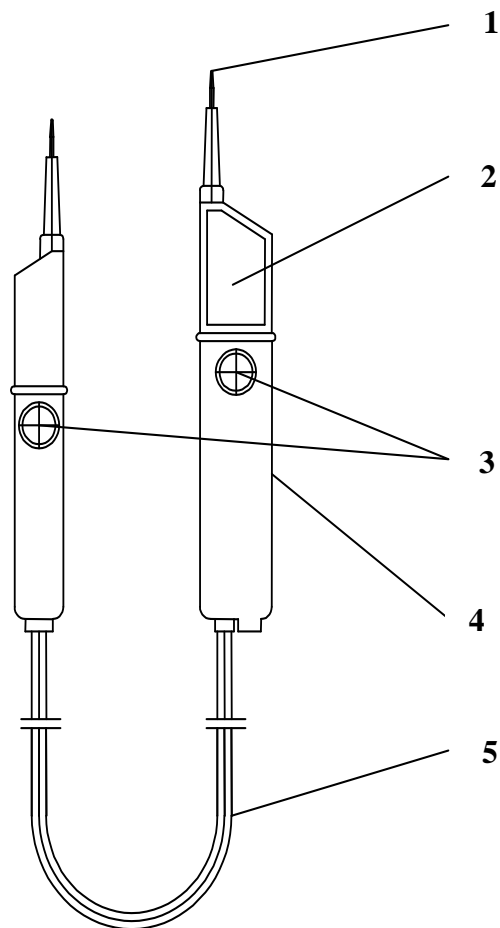
Reference documents:

- PN-EN 61243-3:2002 Live working. Voltage detectors. Part 3: Low voltage bipolar voltage detectors.
- PN-EN 61010-1:1999 Safety requirements concerning electrical measuring instruments for automatics and laboratory apparatus. General requirements.
- EN 61326-1/A2: 2001 Electromagnetic compatibility.

Distribution and service: Wytwórnia Sprzętu Elektroenergetycznego „AKTYWIZACJA” Sp. Pracy.

August 2006.

DUSPOL LOW VOLTAGE DETECTOR



1. Contact electrode
2. Diode or digital indicator panel
3. Switch and vibration buttons
4. Body
5. Connecting conductor