

# DUSPOL EXPERT - Voltage tester



1209091

<https://www.phoenixcontact.com/us/products/1209091>

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Voltage tester, for DC and AC voltages from 12 V to 1000 V AC/1000 V DC, IP65



## Your advantages

- DC and AC voltage tests in the range from 12 V to 1000 V AC/DC, fully functional even without batteries
- Polarity test (+/-) for DC voltage
- Single-pos. test of the phase conductor
- Indicator for the direction of rotating field of a three-phase network as long as the star point is grounded
- Measuring point lighting
- Load connection via pushbutton
- Overvoltage category CAT IV 600 V and CAT III 1000 V in accordance with IEC/EN 61243-3
- Vibration alarm for safe voltage detection
- Shock-proof, dust-proof, and splash-proof housing, IP65
- Audible and optical continuity test

## Commercial data

Item number	1209091
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BH31
Product key	BH3312
GTIN	4046356309905
Weight per piece (including packing)	367 g
Weight per piece (excluding packing)	318.3 g
Customs tariff number	90303370
Country of origin	IE

## Technical data

### Notes

#### Environmental Product Compliance

California Proposition 65	Further information on California's prop. 65 is available under "Downloads" in the manufacturer's declaration
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### Product properties

Product type	Measuring tools
Display scope	12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V, 1000 V LED diode display
Phase-sequence indicator	LCD (symbol "R")
Measuring point lighting	LED
Phase display	LCD (symbol "R")
Polarity display	LED (symbol "+/-")

### Electrical properties

Innenwiderstand_Messkreis	220 kΩ
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Measuring category	CAT IV 600 V / CAT III 1000V
Power supply	2 x micro battery 1.5 V, LR03, AAA

### Input data

Input voltage range AC	12 V AC ... 1000 V AC
Input voltage range DC	12 V DC ... 1000 V DC

### Dimensions

Blade width	0 mm
Length	260 mm

### Material specifications

Color	black
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-10 °C ... 55 °C

### Standards and regulations

Tests	EN/IEC 61243-3 (VDE 0682 Part 401)
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1209091>



**VDE approval of drawings**

Approval ID: 40038336

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## Classifications

### ECLASS

ECLASS-13.0	27200308
ECLASS-15.0	27200308

### ETIM

ETIM 10.0	EC002785
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### UNSPSC

UNSPSC 21.0	41113600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	11.55 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)