

# Voltage tester - DUSPOL EXPERT



1209091

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

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.

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 690 V AC/750 V 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	BH3312
Product Key	BH3312
Catalog Page	Page 463 (C-3-2019)
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

# Voltage tester - DUSPOL EXPERT



1209091

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

## 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

### 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
Innenwiderstand_Lastkreis	3.7 kΩ
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
-------	-------

### 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)
-------	------------------------------------


# Voltage tester - DUSPOL EXPERT

1209091

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



## Approvals

	<b>VDE Zeichengenehmigung</b> Approval ID: 40038336			
	Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
			-	-

# Voltage tester - DUSPOL EXPERT

1209091

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



## Classifications

### ECLASS

ECLASS-9.0	27200308
ECLASS-10.0.1	27200308
ECLASS-11.0	27200308

### ETIM

ETIM 8.0	EC000494
----------	----------

### UNSPSC

UNSPSC 21.0	41113600
-------------	----------

# Voltage tester - DUSPOL EXPERT



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

## Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2023 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)