

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 |

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| | |
|--------------------------------------|----------|
| Weight per piece (excluding packing) | 318.3 g |
| Customs tariff number | 90303370 |
| Country of origin | IE |

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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) |
|-------|------------------------------------|

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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 |
|-----------|----------|

UNSPSC

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

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 11.55 kg CO2e |
|---------|---------------|

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