

**INDUSTRIAL COMPONENT DATA**

# GDT-US-NG/40-P 2910342 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: GDT-US-NG/40-P



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                                   |
| MPN / Reference | GDT-US-NG/40-P                                                    |
| Catalog number  | 2910342                                                           |
| Category        | Accessories/spare parts for surge protection power supply systems |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-C4DA908A8D                                                     |
| Generated       | 2026-08-04                                                        |

## Product Overview

Type 2 surge protection plug

Type 1 surge protection device, UL recognized component, IEC type 2 plug-in surge protection with gas arrester and thermal disconnect device for use with VAL-US base elements, mechanical and optical fault signaling

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; Trabtech (TT)

## Additional Product Information

Key Commercial Data

Orderkey 2910342

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626444840

Weight per Piece (excluding packing) 60.000 g

Custom tariff number 85363030

Country of origin US (United States)

Dimensions

Height 52.4 mm

Width 17.5 mm

Depth 55.3 mm

Horizontal pitch 1 Div.

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude  $\leq 2000$  m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

Shock (operation) 25g (Half-sine / 11 ms /  $3x \pm X, \pm Y, \pm Z$ )

Vibration (operation) 5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

Mode of protection N-PE

Mounting type on base element

Color jet black RAL 9005

Housing material PA 6.6

PBT

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type Male

Number of positions 1

Surge protection fault message optical

Protective circuit

Nominal voltage UN 277/480 V AC (TN-S)

277/480 V AC (TT)

Nominal frequency  $f_N$  50 Hz (60 Hz)

Maximum continuous voltage UC 305 V AC

Residual current IPE  $\leq 5 \mu A$

Standby power consumption PC  $\leq 1.5$  mVA

Nominal discharge current  $I_n(8/20) \mu s$  20 kA

Maximum discharge current  $I_{max}(8/20) \mu s$  40 kA

Follow current interrupt rating  $I_{fi}$  100 A (260 V)

Voltage protection level  $U_p \leq 1.5$  kV

Residual voltage  $U_{res} \leq 0.4$  kV (at  $I_n$ )

$\leq 0.25$  kV (at 10 kA)

$\leq 0.15$  kV (at 5 kA)

$\leq 0.1$  kV (at 3 kA)

Front of wave sparkover voltage at 6 kV (1.2/50)  $\mu s$ ...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GDT-US-NG/40-P with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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