

INDUSTRIAL COMPONENT DATA

GDT-US-NG/80-P 2910332 PHOENIX CONTACT Type 1/2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: GDT-US-NG/80-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	GDT-US-NG/80-P
Catalog number	2910332
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-3AB2390E5C
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Product Overview

Type 1/2 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 > Trabtech (TT)**

Additional Product Information

Key Commercial Data

Orderkey 2910332

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626445328

Weight per Piece (excluding packing) 36.000 g

Custom tariff number 85363030

Country of origin US (United States)

Dimensions

Height 47 mm

Width 17.7 mm

Depth 67.3 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 ≤ 2000 m (amsl (above mean sea level))

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

Shock (operation) 30g (Half-sine / 11 ms / 3x $\pm X$, $\pm Y$, $\pm Z$)

Vibration (operation) 7.5g (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 240/415 V AC (TN-S)

240/415 V AC (TT)

Nominal frequency f_N 50 Hz (60 Hz)

Maximum continuous voltage UC 264 V AC

Residual current IPE ≤ 5 μ AStandby power consumption PC ≤ 1.3 mVANominal discharge current $I_n(8/20)$ μ s 50 kAMaximum discharge current $I_{max}(8/20)$ μ s 50 kAFollow current interrupt rating I_{fi} 100 A (260 V)Voltage protection level $U_p \leq 1.7$ kVResidual voltage $U_{res} \leq 0.6$ kV (at I_n) ≤ 0.5 kV (at 10 kA) ≤ 0.5 kV (at 5 kA) ≤ 0.4 kV (at 3 kA)Front of wave sparkover voltage at 6 kV (1.2/50) μ s $\leq \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GDT-US-NG/80-P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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