

INDUSTRIAL COMPONENT DATA

PP-H 6/ 1-L GNYE 3061680 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP-H 6/ 1-L GNYE



Manufacturer	PHOENIX CONTACT
MPN / Reference	PP-H 6/ 1-L GNYE
Catalog number	3061680
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-890D404069
Generated	2026-07-31

Product Overview

Plug

Connector, for free-standing assembly, nominal voltage: 1000 V, nominal current: 41 A, number of connections: 1, number of poles: 1, connection type: Push-in connection, 1st floor, Dimensioning cross-section: 6 mm², cross-section: 0.5 mm² - 10 mm², colour: green/yellow

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 > Modular TBs

Additional Product Information

Key Commercial Data

Orderkey 3061680
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 308 (C-1-2017)
GTIN 4046356650373
Weight per Piece (excluding packing) 7.680 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Number of positions 1
Number of levels 1
Number of connections 1

Potentials 1

Nominal cross section 6 mm²

Color green/yellow

Insulating material PA

Flammability rating according to UL 94 V0

Area of application Railway industry

Machine building

Plant engineering

Maximum load current 41 A (6)

Rated surge voltage 8 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 1.31 W

Maximum load current 41 A (with 6 mm² conductor cross section)

Nominal current I_N 41 A

Nominal voltage U_N 1000 V

Open side panel No

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 125 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 130 (ASTM E 1354) 27,5 MJ/kg

Fire protection for rail vehicles (DIN....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP-H 6/ 1-L GNYE 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.