

**INDUSTRIAL COMPONENT DATA**

# UP 6/ 1-R 3060791 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: UP 6/ 1-R



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | UP 6/ 1-R                |
| Catalog number  | 3060791                  |
| Category        | Terminal block connector |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-2AF784ADC0            |
| Generated       | 2026-08-02               |

## Product Overview

### Plug

Connector, rated voltage: 1000 V, rated current: 41 A, number of poles: 1, connection type: Screw connection, Sizing cross-section: 6 mm², cross-section: 0.2 mm²- 6 mm², color: gray

**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; Modular TBs

## Additional Product Information

### Key Commercial Data

Orderkey 3060791

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356607995

Weight per Piece (excluding packing) 7.710 g

Custom tariff number 85366990

Country of origin CN (China)

### General

Number of positions 1

Number of levels 1

Number of connections 1

Potentials 1

Nominal cross section 6 mm<sup>2</sup>  
Color gray  
Insulating material PA  
Flammability rating according to UL 94 V0  
Maximum load current 41 A (with 6 mm<sup>2</sup> conductor cross section)  
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 mm<sup>2</sup> conductor cross section)  
Nominal current I<sub>N</sub> 41 A  
Nominal voltage U<sub>N</sub> 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 EN 45545-2) R22 HL 1 - HL 3  
Fire protection for....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UP 6/ 1-R 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

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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