INDUSTRIAL COMPONENT DATA

UP 6/ 8 3060681 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: UP 6/ 8



Manufacturer	PHOENIX CONTACT
MPN / Reference	UP 6/ 8
Catalog number	3060681
Category	Terminal block connector
Minimum order	25 Pcs
Document ID	EO-2DC2DB189A
Generated	2026-11-18

Product Overview

Plug
Connector, rated voltage: 1000 V, rated current: 41 A, number of poles: 8, 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 > Modular TBs

Additional Product Information

Key Commercial Data
Orderkey 3060681
Packing unit 25 pc
Minimum order quantity 25 pc
Note Made to Order (non-returnable)
Catalog page Page 356 (C-1-2017)
GTIN 4046356607896
Weight per Piece (excluding packing) 58.660 g
Custom tariff number 85366990
Country of origin CN (China)
General
Number of positions 8
Number of levels 1
Number of connections 8

Potentials 8
Nominal cross section 6 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Maximum load current 41 A (with 6 mm² 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 mm² conductor cross section)
Nominal current IN 41 A
Nominal voltage UN 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)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UP 6/ 8 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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