

INDUSTRIAL COMPONENT DATA

PWO 16-POT/S 1705654 PHOENIX CONTACT Panel feed-through terminal block, Connection method: Push-in spring co..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PWO 16-POT/S



Manufacturer	PHOENIX CONTACT
MPN / Reference	PWO 16-POT/S
Catalog number	1705654
Category	Panel feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-BD771BF6B7
Generated	2026-08-03

Product Overview

Panel feed-through terminal block, Connection method: Push-in spring connection, Cable lug connection, Load current : 76 A, Cross section: 1.5 mm²

Wall terminal block, connection type: Push-in spring connection, Terminal connection, number of poles: 1, charging current: 76 A, cross-section: 1.5 mm² - 16 mm², conductor connection direction with respect to the plug direction: 45 °, width: 12 mm

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 > PCB Connectors (PCC)
--------------	--

Additional Product Information

General

Number of levels 1

Number of connections 2

Nominal cross section 16 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Maximum load current 76 A

Rated surge voltage 8 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Ambient temperature (operation) -40 °C (depending on the current carrying capacity curve)

Ambient temperature (storage/transport) -40 °C ... 70 °C

Ambient temperature (assembly) -5 °C ... 100 °C

Ambient temperature (actuation) -5 °C ... 100 °C

Connection in acc. with standard IEC 60947-7-1

Nominal current I_N 76 A

Maximum load current 76 A

Nominal voltage U_N 1000 V

Open side panel No

Number of positions 1

Dimensions

Width 12.1 mm

Plate thickness 1 mm ... 6 mm

Connection data

Connection side Outside

Connection method Push-in spring connection

Conductor cross section solid min. 1.5 mm²

Conductor cross section solid max. 16 mm²

Conductor cross section flexible min. 1.5 mm²

Conductor cross section flexible max. 16 mm²

Conductor cross section AWG min. 14

Conductor cross section AWG max. 4

Conductor cross section flexible, with ferrule without plastic sleeve min. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 16 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 1.5 mm²

2 c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PWO 16-POT/S 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

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.