

INDUSTRIAL COMPONENT DATA

SPT 16/ 1-V-10,0 GY7031 1708473 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 1-V-10,0 GY7031



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 1-V-10,0 GY7031
Catalog number	1708473
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-F97A77B4A9
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, family of articles: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: bluish gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 6, packaging type: boxed

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

Key Commercial Data

Orderkey 1708473

Packing unit 1

GTIN 4055626022383

Custom tariff number 85369010

Dimensions

Length [l] 29 mm

Pitch 10 mm

Width [w] 11.8 mm

Height 31.3 mm

Height [h] 35.4 mm

Solder pin [P] 4.1 mm

Pin spacing 15 mm

Hole diameter 1.7 mm

General

Range of articles SPT 16/..-V

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 76 A

Nominal cross section 16 mm²

Solder pin surface

Stripping length 18 mm

Number of positions 1

Connection data

Conductor cross section AWG min. 20

Conductor cross section AWG max. 4

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.75 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

ETIM for 1708473 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

35.4 mm

Number of electrical connections (EF008252)

1

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 1-V-10,0 GY7031 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.