

## INDUSTRIAL COMPONENT DATA

# SPTAF 1/ 8-3,5-IL 1861991 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 8-3,5-IL



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTAF 1/ 8-3,5-IL              |
| Catalog number  | 1861991                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 55 Pcs                         |
| Document ID     | EO-90B14EACDB                  |
| Generated       | 2026-09-29                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm<sup>2</sup>, number of potentials: 8, number of rows: 1, number of poles per row: 8, family of articles: SPTAF 1/.. -IL, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6 mm, number of solder pins per potential: 2, 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 1861991

Packing unit 55 pc

Minimum order quantity 55 pc

Note Made to Order (non-returnable)

GTIN 4055626135038

Weight per Piece (excluding packing) 4.120 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [ l ] 11 mm

Pitch 3.5 mm

Dimension a 24.5 mm

Width [ w ] 29.5 mm

Height 8 mm

Height [ h ] 10.6 mm

Solder pin [P] 2.6 mm

Pin spacing 5 mm

Hole diameter 1.1 mm

#### General

Range of articles SPTAF 1/-IL

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 16 A

Nominal cross section 1.5 mm<sup>2</sup>

Maximum load current 16 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 8

#### Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.75 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 8-3,5-IL 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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