



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**ST 16-PE**

Order No.: 3036165

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036165>

Spring cage ground terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 24 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15



| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 821098 |
| sales group              | A603   |
| Pack                     | 25 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 81 (CL-2009)  |

## Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
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**Technical data****General**

|                       |              |
|-----------------------|--------------|
| Number of levels      | 1            |
| Number of connections | 2            |
| Color                 | green-yellow |

|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 12.2 mm |
| Length           | 80 mm   |
| Height NS 35/7.5 | 51.5 mm |
| Height NS 35/15  | 59 mm   |

**Technical data**

|                                  |  |
|----------------------------------|--|
| Maximum load current             | 90 A (with 25 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV   |
| Pollution degree                 | 3  |
| Surge voltage category           | III  |
| Insulating material group        | I  |
| Connection in acc. with standard | IEC 60947-7-2  |
| Nominal current I <sub>N</sub>   | 76 A   |
| Open side panel                  | ja   |

**Connection data**

|   |                        |
|---|------------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>    |
| Conductor cross section solid max.  | 25 mm <sup>2</sup>     |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>    |
| Conductor cross section stranded max.   | 16 mm <sup>2</sup>     |
| Conductor cross section AWG/kcmil min.  | 24                     |
| Conductor cross section AWG/kcmil max   | 4                      |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 16 mm <sup>2</sup>     |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 16 mm <sup>2</sup>     |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>      |
| Type of connection  | Spring-cage connection |

|                           |       |
|---------------------------|-------|
| Stripping length          | 18 mm |
| Internal cylindrical gage | A7    |

### Certificates / Approvals



Certification BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI

Certification Ex: IECEX, KEMA-EX

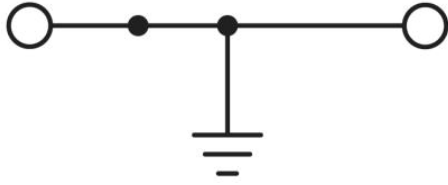
### Accessories

| Item            | Designation       | Description   |
|-----------------|-------------------|---|
| <b>Assembly</b> |                   |   |
| 3036657         | D-ST 16           | End cover, Length: 80 mm, Width: 2.2 mm, Height: 51.1 mm, Color: gray   |
| <b>Bridges</b>  |                   |   |
| 3005950         | FBS 2-12          | Plug-in bridge, Number of positions: 2, Color: red  |
| <b>General</b>  |                   |   |
| 0812146         | ZB 12,LGS:L1-N,PE | Zack marker strip, printed horizontally: 5-section, L1, L2, L3, N, PE, color: White   |
| <b>Marking</b>  |                   |   |
| 3030006         | WST 10/35         | Warning cover, 5-pos., for terminal widths of 10.2 mm, 12.2 mm, and 16 mm   |
| 0812133         | ZB 12:SO/CMS      | Zack marker strip, 5-section, divisible, special printing, marking according to customer requirements   |
| 0812120         | ZB 12:UNPRINTED   | Zack marker strip without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS system, sufficient for labeling 50 terminal blocks per pack |
| 0809735         | ZBF 12:UNBEDRUCKT | Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer   |
| <b>Tools</b>    |                   |   |
| 1206612         | SZF 3-1,0X5,5     | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip           |

**Diagrams/Drawings**

Circuit diagram

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