

## VS-08-ST-RJ45

Order No.: 1688573



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1688573>

RJ45 pin insert, CAT5e, 8-pos., shielded, IDC connection method, for  
litz wires AWG 26 and solid wires AWG 26 ... 24

### Ethernet

#### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918622404      |
| Pack                     | 5 pcs.             |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.00284 KG         |
| Catalog page information | Page 168 (PC-2007) |

#### Product notes

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



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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information and data, please refer  
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Use apply to Internet downloads.

#### Technical data

##### Mechanical characteristics

|                             |       |
|-----------------------------|-------|
| Number of positions         | 8     |
| Number of slots             | 1     |
| Shielded                    | Yes   |
| Insertion/withdrawal cycles | ≥ 750 |
| Type of connection          | IDC   |

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Conductor cross section         | 0.13 mm <sup>2</sup> ... 0.2 mm <sup>2</sup> (solid) |
|                                 | 0.14 mm <sup>2</sup> (stranded)                      |
| Connection cross section AWG    | 26 ... 24 (solid)                                    |
|                                 | 26 (stranded)                                        |
| Cable exit                      | Straight                                             |
| Ambient temperature (operation) | -40 °C ... 85 °C                                     |

#### Material data

|                                    |                  |
|------------------------------------|------------------|
| Inflammability class acc. to UL 94 | V0               |
| Contact carrier material           | Thermoplastic    |
| Contact material                   | Copper alloy     |
| Contact surface material           | Gold over nickel |

#### Electrical characteristics

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| Number of positions                     | 8                                            |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001) |
| Rated current                           | 1.5 A                                        |
| Surge voltage category                  | II                                           |
| Pollution degree                        | 2                                            |

#### Accessories

| Item                          | Designation | Description                                                                                             |
|-------------------------------|-------------|---------------------------------------------------------------------------------------------------------|
| <b>Bend protection sleeve</b> |             |                                                                                                         |
| 1689226                       | VS-08-KS/GN | RJ45 bend protection sleeve, for pin insert VS-08-ST-RJ45, cable cross section up to 6 mm, color: green |
| 1689213                       | VS-08-KS/GR | RJ45 bend protection sleeve, for pin insert VS-08-ST-RJ45, cable cross section up to 6 mm, color: gray  |

#### Sleeve housing

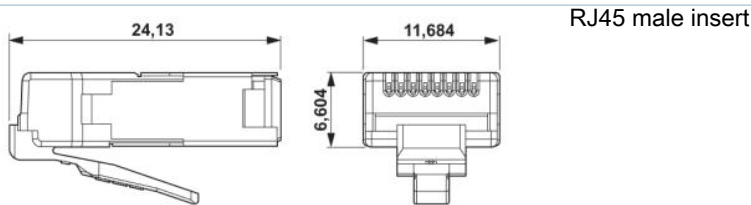
|         |                     |                                                                                                                                                                                                                      |
|---------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1652295 | VS-08-T-G-RJ45/IP20 | RJ45 sleeve housing, IP20, for pin insert VS-08-ST-RJ45, with push-pull interlocking for panel mounting frames, inverted design, for Factoryline modular managed switches, for cable cross section 5.0 mm ... 6.5 mm |
| 1688638 | VS-08-T-RJ45/IP 20  | RJ45 sleeve housing IP20, for pin insert VS-08-ST-RJ45, with push-pull interlocking for panel mounting frames, for cable cross section 5.0 mm ... 6.5 mm                                                             |
| 1688696 | VS-08-T-RJ45/IP67   | RJ45 sleeve housing, IP67, for pin insert VS-08-ST-RJ45, with push-pull interlocking for panel mounting frames, for cable cross section 5.0 mm ... 6.5 mm                                                            |

Tools

|         |                    |                                                                                                    |
|---------|--------------------|----------------------------------------------------------------------------------------------------|
| 1206696 | CRIMPFOX LC        | Basic crimping pliers, with short handles, without crimp inserts, with locator takeup              |
| 1207420 | CRIMPFOX LC-RJ 45S | Die for the CRIMPFOX LC basic crimping pliers to crimp the VARIOSUB RJ45 male insert VS-08-ST-RJ45 |

Diagrams/Drawings

Dimensioned drawing



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