



**THE DATASHEET OF**  
**1422108**




**VS-08-ST-H21-RJ45**

Order No.: 1652729

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1652729>

RJ45 male insert, CAT6, 8-pos., shielded, IDC displacement connection, for litz wire AWG 25 ... 24 and solid wires AWG 24, with strain relief

**Ethernet****Commercial data**

|                          |   |
|--------------------------|---|
| GTIN (EAN)               | <br>4 017918 952853 |
| sales group              | D511  |
| Pack                     | 5 pcs.  |
| Customs tariff           | 85366990  |
| Catalog page information | Page 192 (PC-2009)  |

**Product notes**

WEEE/RoHS-compliant since:  
11/13/2006



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

|                             |             |
|-----------------------------|-------------|
| Number of positions         | 8           |
| Insertion/withdrawal cycles | ≥ 750       |
| Type of connection          | IDC cutting |

|                                 |  |
|---------------------------------|--|
| Conductor cross-section         | 0.2 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> (stranded) |
|                                 | 0.2 mm <sup>2</sup> (solid)                            |
| Connection cross-section AWG    | 24 ... 25 (stranded)                                   |
|                                 | 24 (solid)   |
| Cable exit                      | Straight   |
| Color                           | red  |
| Ambient temperature (operation) | -25 °C ... 60 °C                                       |

#### Material data

|                                    |                 |
|------------------------------------|-----------------|
| Inflammability class acc. to UL 94 | V2              |
| Contact carrier material           | PC              |
| Contact material                   | Phosphor bronze |
| Contact surface material           | Gold            |

#### Electrical characteristics

|   |      |
|---|------|
| Number of positions                     | 8    |
| Transmission characteristics (category) | CAT6 |
| Rated current                           | 1 A  |
| Pollution degree                        | 2    |

#### Accessories

| Item                          | Designation   | Description  |
|-------------------------------|---------------|--|
| <b>Bend protection sleeve</b> |               |  |
| 1654756                       | VS-08-KS-H/GN | RJ45 bend protection sleeve, for pin inserts VS-08-ST-H11-RJ45 and VS-08-ST-H21-RJ45, for cable cross section up to 7 mm, color: green |
| 1654743                       | VS-08-KS-H/GY | RJ45 bend protection sleeve, for pin inserts VS-08-ST-H11-RJ45 and VS-08-ST-H21-RJ45, for cable cross section up to 7 mm, color: gray  |

#### Sleeve housing

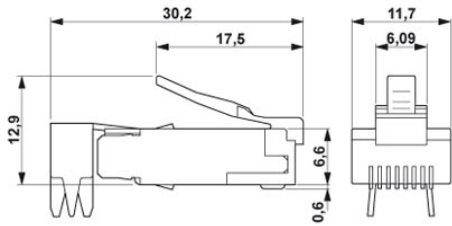
|         |                        |   |
|---------|------------------------|---|
| 1652732 | VS-08-T-H-RJ45/IP67    | RJ45 sleeve housing, IP67, for pin insert VS-08-ST-H11-RJ45 and VS-08-ST-H21-RJ45, with push-pull interlocking for panel mounting frames, for cable cross section 5.0 mm ... 8.5 mm, color: gray  |
| 1658671 | VS-08-T-H-RJ45/IP67-BK | RJ45 sleeve housing, IP67, for pin insert VS-08-ST-H11-RJ45 and VS-08-ST-H21-RJ45, with push-pull interlocking for panel mounting frames, for cable cross section 5.0 mm ... 8.5 mm, color: black |

**Tools**

|         |              |   |
|---------|--------------|---|
| 1653265 | VS-CT-RJ45-H | Crimp tool, pliers with die, for RJ45 pin inserts VS-08-ST-H...-RJ45 and VS-08-RJ45-10G/C |
|---------|--------------|---|

**Diagrams/Drawings**

Dimensioned drawing



RJ45 male insert

**Address**


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