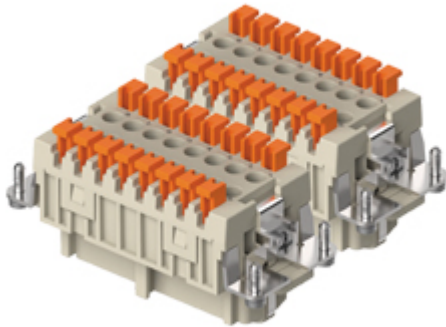


Part number

# CSHF 16 SN



Female insert, CSH S series, SQUICH® spring terminal connection without tools, 16 poles + PE (17-32), 16 A 500 V 6 kV 3, size "77.62"

| Product description                    |                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                        |
| Series                                 | CSH S                                                                                         |
| Connection type                        | SQUICH® spring terminal connection without tools                                              |
| Gender                                 | Female                                                                                        |
| N. of poles                            | 32 poles +  |
| Size                                   | Size 77.62                                                                                    |
| Technical data                         |                                                                                               |
| Current                                | 16 A                                                                                          |
| Voltage                                | 500 V                                                                                         |
| Rated impulse withstand voltage        | 6 kV                                                                                          |
| Pollution degree                       | 3                                                                                             |
| Rated voltage according to UL/CSA      | 600 V                                                                                         |
| Wire cross-section                     | 0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>                                                   |
| AWG size                               | 26 - 14                                                                                       |
| Contact type                           | Stamped silver plated                                                                         |
| Pole numbering system                  | 17-32                                                                                         |
| IP degree of protection                | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure                                    |
| Further technical details              |                                                                                               |
| Characteristics according to EN 61984  | 16A 500V 6kV 3                                                                                |
| Mating cycles                          | ≥ 500                                                                                         |
| Insulation resistance                  | ≥ 10 GΩ                                                                                       |
| Contact resistance                     | ≤ 3 mΩ                                                                                        |
| Weight                                 | 84,50 g                                                                                       |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                            |
| Conductors stripping length            | 9...11 mm                                                                                     |
| UL 94 flammability rating              | V-0                                                                                           |

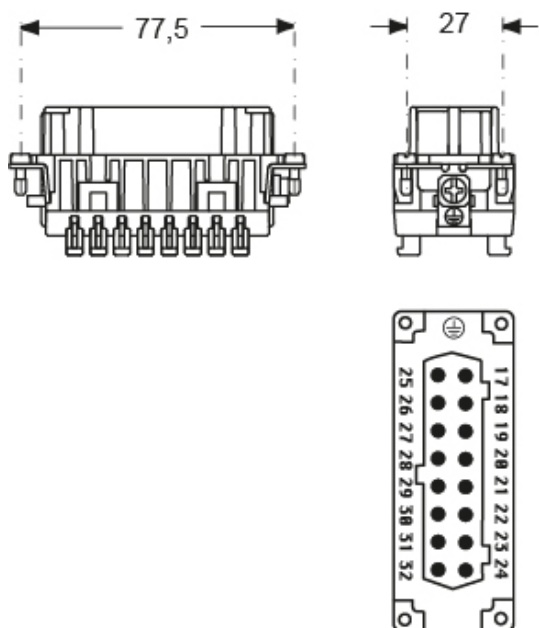
| Material properties          |                        |
|------------------------------|------------------------|
| Main material                | Polycarbonate (PC)     |
| Other materials              | Contacts: copper alloy |
| Colour                       | RAL 7032 grey          |
| RoHs conformity              | Compliant              |
| China RoHs - EFUP            | E                      |
| REACH SVHC substances        | No                     |
| Approvals / Standards        |                        |
| UL                           | ECBT2                  |
| cUL                          | ECBT8                  |
| General ordering information |                        |
| EAN13 code                   | 8015747269087          |
| eCl@ss 8.1                   | 27440205               |
| ETIM 7.0                     | EC000438               |
| Packaging Information        |                        |
| Packaging weight             | 2,99 kg                |
| Packaging volume             | 8,69 dm <sup>3</sup>   |
| Packaging description        | Carton box             |
| Packaging quantity           | 30 Pcs                 |
| Packaging EAN code           | 8015747274357          |
| Sub-packaging weight         | 0,50 kg                |
| Sub-packaging description    | Carton tray            |
| Sub-packaging quantity       | 5 Pcs                  |
| Sub-packaging EAN barcode    | 8015747274364          |

Part number

# CSHF 16 SN



Catalogue drawings



Derating curves

