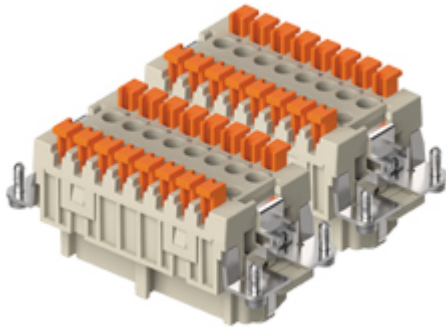



Part number

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

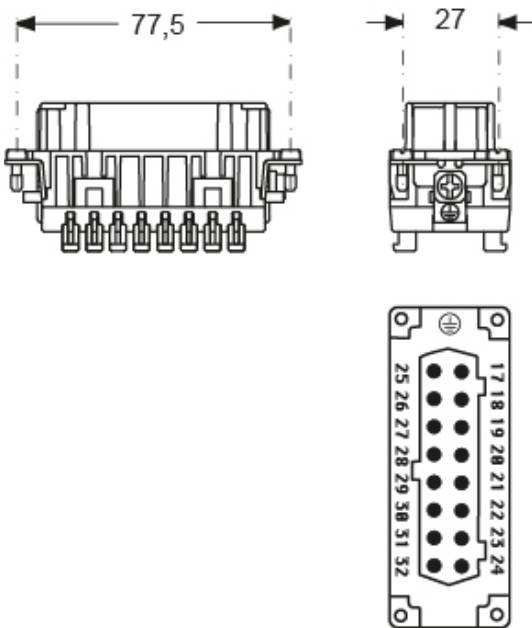
| Material properties              |                        |
|----------------------------------|------------------------|
| <b>Main material</b>             | Polycarbonate (PC)     |
| <b>Other materials</b>           | Contacts: copper alloy |
| <b>Colour</b>                    | RAL 7032 grey  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

Part number

# CSHF 16 SN



Catalogue drawings



Derating curves

