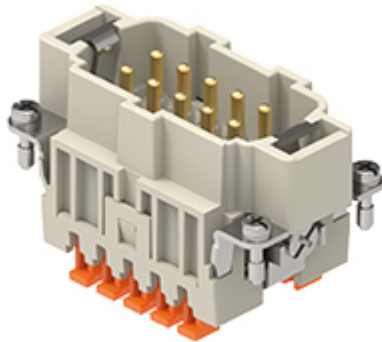


Part number

# RSHM 10



Male insert, RSH series, SQUICH® spring terminal connection without tools, 10 poles + PE, 16 A 500 V 6 kV 3, size "57.27", HNM - High Number of Matings version

| Product description                    |                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                        |
| Series                                 | RSH                                                                                           |
| Connection type                        | SQUICH® spring terminal connection without tools                                              |
| Gender                                 | Male                                                                                          |
| N. of poles                            | 10 poles +  |
| Size                                   | Size 57.27                                                                                    |
| Specification                          | HNM - High Number of Matings version                                                          |
| 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 mm² - 2,50 mm²                                                                           |
| AWG size                               | 26 - 14                                                                                       |
| Contact type                           | Turned gold plated                                                                            |
| 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                          | ≥ 10000                                                                                       |
| Insulation resistance                  | ≥ 10 GΩ                                                                                       |
| Contact resistance                     | ≤ 3 mΩ                                                                                        |
| Weight                                 | 64,00 g                                                                                       |
| Operating temperature range (min, max) | -40°C...+125°C                                                                                |
| Conductors stripping length            | 7 mm                                                                                          |
| UL 94 flammability rating              | V-0                                                                                           |

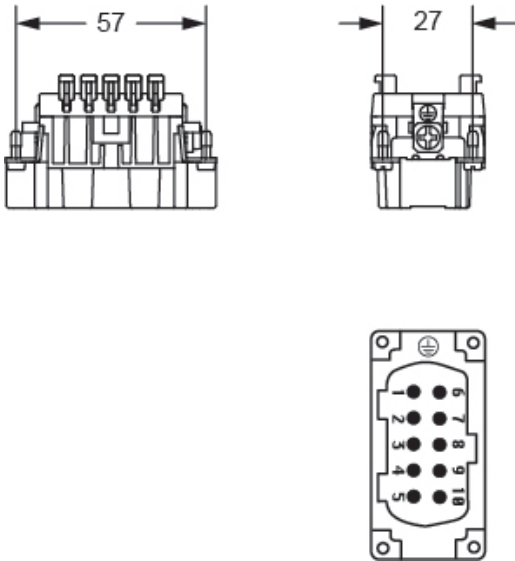
| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| Other materials              | Contacts: copper alloy                                                         |
| Colour                       | RAL 7032 grey                                                                  |
| RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP            | 50                                                                             |
| REACH SVHC substances        | Yes<br>Lead                                                                    |
| SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Approvals / Standards        |                                                                                |
| Certifications               | DNV, EAC                                                                       |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747014960                                                                  |
| eCl@ss 8.1                   | 27440205                                                                       |
| ETIM 7.0                     | EC000438                                                                       |
| Packaging Information        |                                                                                |
| Packaging length             | 245,00 mm                                                                      |
| Packaging height             | 165,00 mm                                                                      |
| Packaging width              | 215,00 mm                                                                      |
| Packaging weight             | 2,42 kg                                                                        |
| Packaging volume             | 8,69 dm³                                                                       |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 30 Pcs                                                                         |
| Packaging EAN code           | 8015747015554                                                                  |
| Sub-packaging length         | 197,00 mm                                                                      |
| Sub-packaging height         | 44,00 mm                                                                       |
| Sub-packaging width          | 113,00 mm                                                                      |
| Sub-packaging weight         | 0,40 kg                                                                        |
| Sub-packaging volume         | 0,98 dm³                                                                       |
| Sub-packaging description    | Carton tray                                                                    |
| Sub-packaging quantity       | 5 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747015585                                                                  |

Part number

# RSHM 10



Catalogue drawings



Derating curves

**RSH 10 poles connector inserts**  
**Maximum current load derating diagram**

