

170.363.700.201.000

ODU-MAC® White-Line , ODU-MAC® Silver-Line

## SPRINTAC® socket 1.5 mm, AWG 14, 1.5 qmm, crimp termination

ODU EXPRESS



### Basic information

|             |                     |
|-------------|---------------------|
| Part number | 170.363.700.201.000 |
| Category    | Contact             |

### Contact insert description

|                        |         |
|------------------------|---------|
| Contact type           | Sockets |
| Contact diameter       | 1.5 mm  |
| Termination type       | Crimp   |
| Wire cross section AWG | AWG 14  |
| Wire cross section mm² | 1.5 mm² |

### Crimptools



**080.000.051.000.000**  
crimp tool 0.08 - 2.5 mm² 8-point

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Tool                        | 080.000.051.000.000                                       |
| Tool Instruction            | <a href="#">Crimp_Instruction_080.000.051.000.000.pdf</a> |
| Tool Adjustment Dimension   | 1.32 {for 1.5 mm²}; 1.42 {for 16 AWG}                     |
| Tool Positioner One         | 080.000.051.101.000                                       |
| Tool Positioner One Setting | 3                                                         |



**080.000.057.000.000**  
crimp tool 1.5 - 6.0 mm² 8-point

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Part number                 | 170.363.700.201.000                                       |
| Tool                        | 080.000.057.000.000                                       |
| Tool Instruction            | <a href="#">Crimp_Instruction_080.000.057.000.000.pdf</a> |
| Tool Adjustment Dimension   | 1.42                                                      |
| Tool Positioner One         | 080.000.057.101.000                                       |
| Tool Positioner One Setting | 10                                                        |

## Removal tools



**087.611.001.001.000**

ODU-MAC removal tool contacts ø0.76 - 4.0 mm



**087.170.363.000.000**

removal tool 1.5 mm angled



**087.170.138.000.000**

removal tool 1.5 mm straight



**085.611.001.001.000**

ODU-MAC insertion tool contacts ø0.76 - 1.5 mm

## Technical information

|                             |         |                                                                              |
|-----------------------------|---------|------------------------------------------------------------------------------|
| Max. current single contact | 18 A    | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K |
| Max. current                | 27 A    |                                                                              |
| Contact resistance          | 0.95 mΩ |                                                                              |
| Operating voltage           | 500 V   |                                                                              |
| Rated surge voltage         | 2500 V  |                                                                              |

The current load information is valid for single contacts or fully equipped modules. For use in connector systems, the load should be reduced according to VDE 0298-4:2013-06

## Mechanical and environmental data

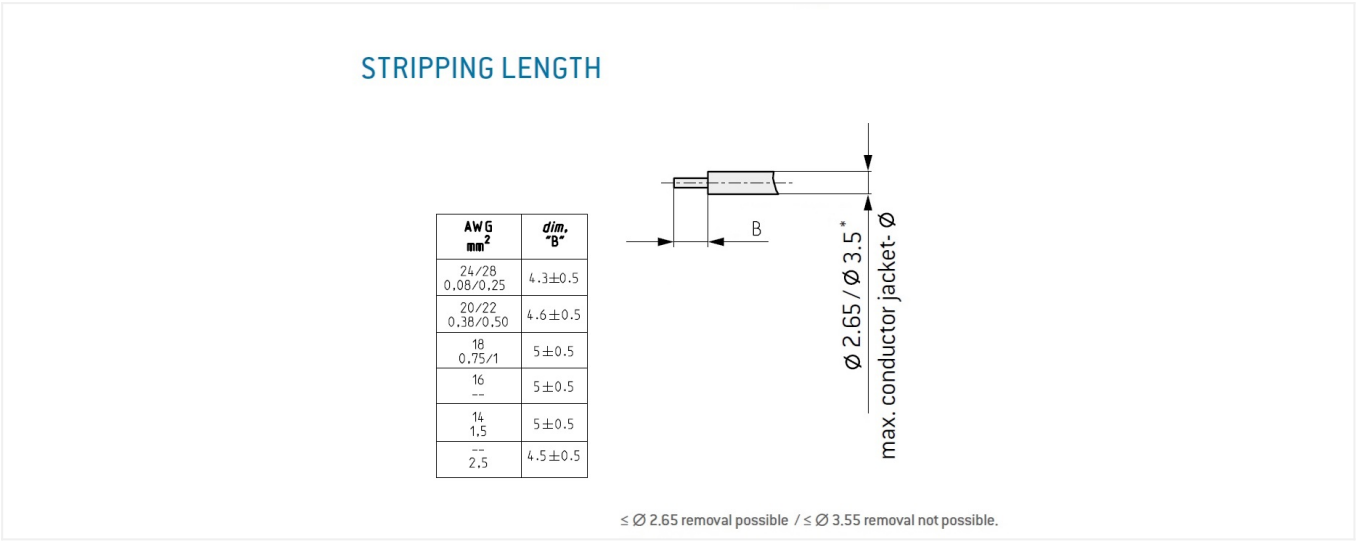
|                            |                 |
|----------------------------|-----------------|
| Mating cycles              | minimum 100.000 |
| Max. operating temperature | 125 °C          |
| Min. operating temperature | -40 °C          |
| Weight                     | 0.52 g          |

In the ODU-MAC Silver-/ White-Line product portfolio we explicitly recommend that the modules are purchased assembled with the frames in order to prevent possible errors in the assembly process. Only in exceptional cases we can supply individual parts. However we cannot take any liability therefore. We would like to emphasize the usage of our ODU tools, as well as our current assembly instructions in the download area: <https://odu-connectors.com/silver-white-line-instructions>

## Material and surface treatments

|                  |          |
|------------------|----------|
| Material         | Cu-alloy |
| Contact material | Silver   |

ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.



Further technical information and downloads

[3D-File \[STP File\]](#)

[Assembly Instruction](#)