

182.604.000.301.000

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

Pin 2.41 mm, long, AWG 14, 1.5 qmm, crimp termination

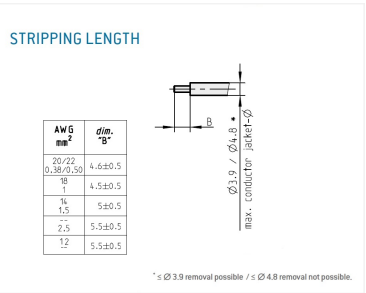


General information

Part number	182.604.000.301.000
Termination	Crimp
Size	
Weight	1,8 g
customs tariff numbers	85369010



Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.



Contact insert description

Contact type	Pins
Contact diameter	2.41 mm
Wire cross section	AWG 14
Termination	Crimp
Termination diameter	1.5 mm ²

Technical information

Nominal current single contact	18 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K
Operating voltage 1	500 V	IEC60664-1:2020 (VDE0110-1:2022-07)
Max. continuous current - single contact	27 A	
Contact resistance	0.45 mOhm	

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

Operating temperature	-40 °C – 125 °C
Mating cycles	minimum 100,000

Material and surface treatments

Contact	Cu-alloy with silver finish
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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>

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.

Crimptools



080.000.051.000.000

8-point crimping tool

Part number	182.604.000.301.000
Tool	080.000.051.000.000
Tool Instruction	Crimp_Instruction_080.000.051.000.000.pdf
Tool Adjustment Dimension	1.32 {for 1.5 mm ² }; 1.42 {for 16 AWG}
Tool Positioner One	080.000.051.101.000
Tool Positioner One Setting	4



080.000.057.000.000

8-point crimping tool

Part number	182.604.000.301.000
Tool	080.000.057.000.000
Tool Instruction	Crimp_Instruction_080.000.057.000.000.pdf
Tool Adjustment Dimension	1.42
Tool Positioner One	080.000.057.101.000
Tool Positioner One Setting	9

Removal tools



087.611.001.001.000

Removal tool



087.170.365.000.000

Removal tool



087.170.139.000.000

Removal tool