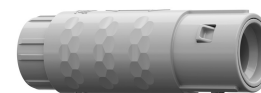


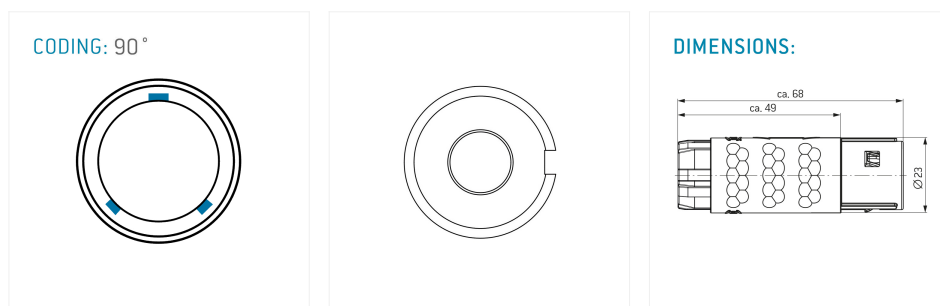
Straight plug, Single contact, 80 A, Nominal voltage: 1000 V

General information

Part number	S1BMFG-U01CA00-0270
Termination	Crimp
Size	3.5
Locking principle	Push-Pull
Coding	F [90°]
Cable Diameter	9.1 – 10.5 mm
Cable outlet	Back nut



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



The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	1
Contact type	Pins
Contact diameter	6 mm
Wire cross section	AWG 4
Termination	Crimp
Termination diameter	16 mm ²

Technical information

Nominal current single contact	80 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	6.6 kV AC	DIN EN 61984:2009
Operating voltage 1	1000 V AC	DIN EN 61984

Mechanical and environmental data

Degree of protection*	IP50
Operating temperature	-50 °C – 120 °C
Mating cycles	5000

*mated & unmated condition

Material and surface treatments

Housing	PEI gray
Color option	Gray
Contact	Cu-alloy with gold finish

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).
ODU MEDI-SNAP® and MINI-SNAP® are UL-approved (E110586).
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.