



Technical Data

number of pins	8
power	4 (3+PE)
signal	4
temperature range	-20 °C to 130 °C
clamping range	Ø 17.0 mm to Ø 36.0 mm
protection type	when connected IP 66/67

Electrical Data

	power	signal
rated current	max. 150 A*	max. 12 A*
rated voltage	630V (AC/DC)	250 V (AC/DC)
rated insulation voltage (L-L)	6000 V	4000 V

mating cycles	500
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Data according to VDE 0110/EN61984, Paragraph 6.19.2.2

pollution degree	3
over voltage category	III
max. height for operation	2000 m

Material

housing	zinc diecast / nickel plated
insulation insert	PA, UL 94/V0
seals	FKM
contacts	brass / silver plated
contacts	brass / gold plated
clamp ring	aluminium / nickel plated

Contacts

Item / TCPN:	60.103.23 / 60-0103-023-000
type	Contact Socket 10.0 mm
cross section	crimp/ 25.00mm ²
contact resistance	< 90 µOhm

Item / TCPN:	60.106.11 / 60-0106-011-000
type	Contact Socket 1.6 mm
cross section	crimp/ 0.35 - 1.50 mm ²
contact resistance	< 5 mOhm

Tools (not part of product contents)

Battery crimp tool
Item / TCPN: C0.207.00 / C0-0207-000-000

Crimping Inserts
Item / TCPN: C0.210.00 / C0-0210-000-000

analog crimping tool for 1 mm-/2 mm- contacts
Item / TCPN: C0.201.00 / C0-0201-000-000

D ST A 001 FR 08 74 0001 000
D S A 001 F 08 74 0001 000



Contact Arrangement

mating view



Contact Socket 10.0 mm
crimp/ 25.00mm²
Item: 60.103.23
TCPN: 60-0103-023-000



Contact Socket 1.6 mm
crimp/ 0.35 - 1.50 mm²
Item: 60.106.11
TCPN: 60-0106-011-000

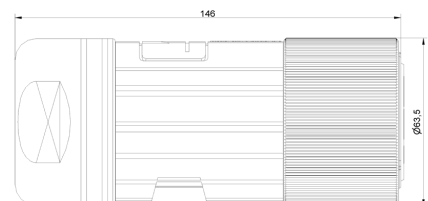


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Main Dimensions

Plug

*for max. wire cross-section
pay attention to the
cross-section of used contacts