

923 Plug

8-pin
EMC - Shielding
Earth-to-Housing Connection according to VDE 0627

Technical Data

number of pins	8
power	4 (3+PE)
signal	4
temperature range	-20 °C to 130 °C
clamping range	Ø 9.5 mm to Ø 14.5 mm
protection type	when connected IP 66/67

Electrical Data

rated current	power max. 30 A*	signal max. 7 A*
rated voltage	630 V (AC/DC)	250 V (AC/DC)
rated insulation voltage (L-L)	6000 V	2500 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 6.6 mod., UL 94/V0
seals	FKM
contacts	brass / gold plated
contacts	brass / gold plated
clamp ring	brass / nickel plated

Contacts

Item:	60.003.11
type	Contact Socket 2.0 mm
cross section	crimp/ 0.35 - 2.50 mm ²
contact resistance	< 3 mOhm

Item:	60.001.11
type	Contact Socket 1.0 mm
cross section	crimp/ 0.14 - 1.00 mm ²
contact resistance	< 5 mOhm

Tools (not part of product contents)

digital crimping tool for 1mm-/2 mm- contacts
Item: C0.236.00

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

positioning insert for ø2mm contacts
Item: C0.004.00

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Contact Arrangement

mating view



Contact Socket 2.0 mm

crimp/ 0.35 - 2.50 mm²
Item: 60.003.11



Contact Socket 1.0 mm

crimp/ 0.14 - 1.00 mm²
Item: 60.001.11



This document is for information only and before utilization
the user must reconfirm actuality.
Subject to technical changes.

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Main Dimensions

Plug

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