623 Plug

12-pin
insulation insert uncoded
housing code 1
EMV - shielding

Technical Data

number of pins	12
temperature range	-20 °C to 130 °C
clamping range	Ø 6.0 mm to Ø 10.0 mm
protection type	when connected IP 66/67

Electrical Data

	signal
rated current	max. 7 A*
rated voltage	160 V (AC/DC)
rated insulation voltage (L-L)	2500 V
mating cycles	500

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	PBT, UL 94 / V0
seals	FKM
contacts	brass / gold plated
clamp ring	brass / nickel plated

Contacts

Item / TCPN:	60.001.11 / 60-0001-011-000
type	Contact Socket 1.0 mm
cross section	crimp/ 0.14 - 1.00 mm²
contact resistance	< 5 mOhm

Tools (not part of product contents)

digital crimping tool for 0,6mm/1,0mm/1,5mm/2,0mm-contacts
Item / TCPN: C0.235.00 / C0-0235-000-000

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

analog crimping tool for 1 mm contacts
Item / TCPN: C0.101.00 / C0-0101-000-000

A ST A 021 FR 01 41 0235 000
A S A 021 F 01 41 0235 000

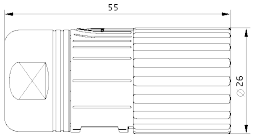




Contact Arrangement
mating view



Contact Socket 1.0 mm
crimp/ 0.14 - 1.00 mm²
Item: 60.001.11
TCPN: 60-0001-011-000



Main Dimensions
Plug

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

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