

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

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



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Main Dimensions

Plug

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