



intercontec
products

623 Plug

17-pin
insulation insert Code 0°
housing code 1
EMV - shielding

Technical Data

number of pins	17
temperature range	-20 °C to 130 °C
clamping range	Ø 4.5 mm to Ø 8.5 mm
protection type	when connected IP 66/67

Electrical Data

rated current
rated voltage
rated insulation voltage (L-L)

signal

max. 7 A*
125 V (AC/DC)
2000 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 mm ²
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 014 FR 01 39 0235 000

A S A 014 F 01 39 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



© 2019 TE Connectivity

TE Connectivity, TE connectivity (logo), intercontec (logo) and speedtec are trademarks.

While TE Connectivity (TE) has made every reasonable effort to ensure the accuracy of the information in this presentation, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this article are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

TE Connectivity Industrial GmbH
Bernrieder Straße 15
94559 Niederwinkling, Deutschland
Tel.: +49 9962 2002-0
Fax: +49 9962 2002-70
E-Mail: intercontec@te.com
Web: www.intercontec.biz



Main Dimensions

Plug

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