product data sheet

item no. 5D.903.0255.0

socket plug WTPN 2.5 PG02P

socket plug WTPN 2.5 PG02P rated voltage 800 V, rated current 24 A, push-In connection//true, number of levels 1, nominal cross section 2.5 mm², connectable conductor cross section fine stranded without cable end sleeve 0,14mm² - 2,5mm², mounting method pluggable, color grey, width/grid dimension 10.16 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.903.0255.0
EAN	4049088719301
order unit	100 piece(s)

certificates / approvals

technical data

general

nominal cross section	2.5 mm²
color	grey
number of levels	1
width/grid dimension	10.16 mm
inflammability class of insulation material acc. with UL94	V0
mounting method	pluggable
Anschlussart	push-In connection//true
Montageart	pluggable
Brennbarkeitsklasse des Isolierstoffs	V0

technical data

rated current	24 A
rated voltage	800 V
rated impulse voltage	8 kV
closing plate required	no
type of insulation material	thermoplastic
length	16.8 mm
width	10.16 mm
height	40.6 mm

connection data

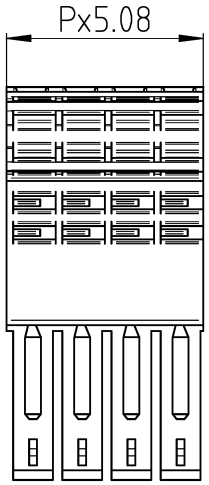
connection type	push-In connection//true
connection type 1	plug-in connection
minimum cross section solid	0.14 mm²
maximum cross section solid	4 mm²
minimum cross section fine stranded	0.14 mm²
maximum cross section fine stranded	2.5 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.25 mm²

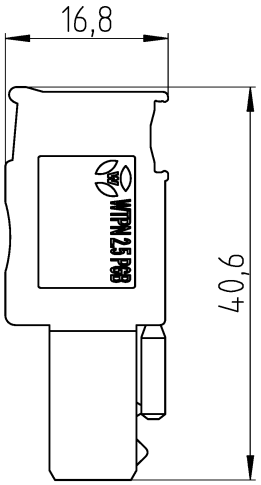
maximum conductor cross section (flex., stranded) with cable end sleeve	2.5 mm²
wire strip length	10 mm

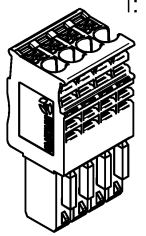
technical data UL/CSA

cross section UL	26-12 AWG
voltage UL	600 V
current factory wiring	20 A
current field wiring	20 A
cross section CSA	26-12 AWG
voltage CSA	600 V
current CSA	20 A

technical drawing







Bestell-Nr. /order no.	Polzahl P /number of poles P	Typ /type	Farbe /colour
5D.903.0255.0	2	WTPN 2.5 PG02P	grau / grey
5D.903.0355.0	3	WTPN 2.5 PG03P	grau / grey
5D.903.0455.0	4	WTPN 2.5 PG04P	grau / grey
5D.903.0555.0	5	WTPN 2.5 PG05P	grau / grey
5D.903.0655.0	6	WTPN 2.5 PG06P	grau / grey
5D.903.0755.0	7	WTPN 2.5 PG07P	grau / grey
5D.903.0855.0	8	WTPN 2.5 PG08P	grau / grey
5D.903.1055.0	10	WTPN 2.5 PG10P	grau / grey
5D.903.1655.0	16	WTPN 2.5 PG16P	grau / grey
5D.903.2055.0	20	WTPN 2.5 PG20P	grau / grey

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Vertraulichkeitsklasse: Vertraulich
confidentiality class: confidential

These dimensions will be especially checked at delivery
Only inspection dimensions
With (E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit (E gekennzeichnete Maße sind nur für interne Zwecke gültig

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG
www.wieland-electric.com
eshop.wieland-electric.com

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung: First Use:

Blatt: 1 von 1
Sheet: 1 of 1

Werkstoff / Material

Maßstab / Scale 2:1

Vol. mm³ Ofl./Srf. mm²

	Tag/Date	Name
gezeichnet drawn	31.10.2025	Eichhorn N.

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.903.0255.0 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Index / Datum / Blatt Date / Sheet / Änderung / Revision

wieland

Type

Benennung/Title

BUCHSENSTECKER
socket plug

2025-12-02 15:17:48 1.000

01-QU-RD-32/21