product data sheet

item no. 5D.903.0055.0

socket plug WTPN 2.5 PGA

socket plug WTPN 2.5 PGA rated voltage 800 V, rated current 24 A, push- In connection//true, number of levels 1, number of clamp positions per level 2, nominal cross section 2.5 mm², connectable conductor cross section fine stranded without cable end sleeve 0,14mm² - 2,5mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 5.08 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.903.0055.0
EAN	4049088732270
order unit	50 piece(s)

certificates / approvals

technical data

general

nominal cross section	2.5 mm²
color	grey
number of levels	1
number of clamp positions per level	2
width/grid dimension	5.08 mm
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
Anschlussart	push-In connection//true
Anzahl der Klemmstellen je Etage	2
Montageart	DIN rail (top hat rail)
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	5.08 mm
height	40.6 mm

connection data

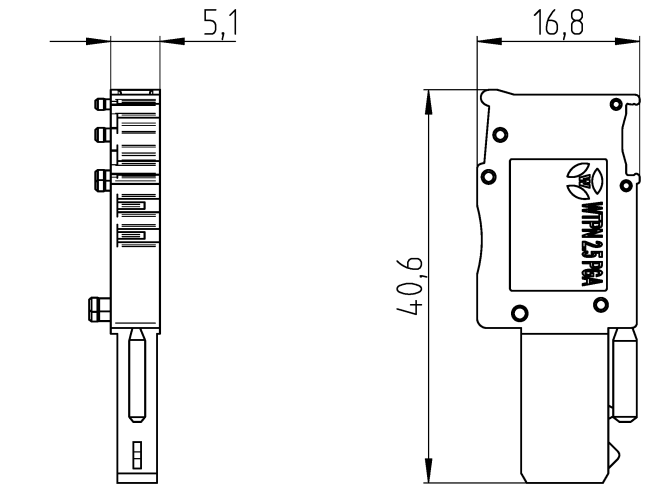
connection type	push-In connection//true
connection type 1	plug-in connection
minimum cross section solid	0.14 mm²
maximum cross section solid	4 mm²
minimum cross section fine stranded	0.14 mm²

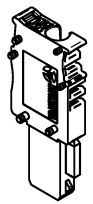
maximum cross section fine stranded	2.5 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.25 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	2.5 mm²
wire strip length	10 mm

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.	Typ /type	Farbe /colour
5D.903.0055.0	WTPN 2.5 PGA	grau / grey

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. 5D.903.0055.0 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Benennung/Title

BUCHSENSTECKER

socket plug

wieland

Index Datum / Blatt Date / Sheet

Änderung / Revision

2025-12-02 14:30:26 1.000

01-QU-RD-32/21

© Alle Rechte vorbehalten © All rights reserved Vertraulichkeitsklasse: confidentiality class Vertraulich 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