product data sheet

item no. 5D.903.2955.5

sensor terminal block WTPN 2.5 0109RT

sensor terminal block WTPN 2.5 0109RT rated voltage 400 V, rated current 17.5 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 0,5mm² - 2,5mm², mounting method pluggable, color red, width/grid dimension 50.8 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.903.2955.5
EAN	4049088719417
order unit	100 piece(s)

certificates / approvals

technical data

general

nominal cross section	2.5 mm²
color	red
number of levels	1
width/grid dimension	50.8 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	17.5 A
rated voltage	400 V
rated impulse voltage	4 kV
closing plate required	no
type of insulation material	thermoplastic
length	13.1 mm
width	50.8 mm
height	16.5 mm

connection data

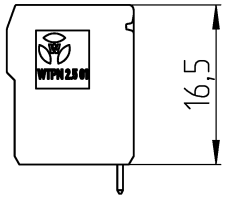
connection type	push-In connection//true
connection type 1	plug-in connection
minimum cross section solid	0.5 mm²
maximum cross section solid	2.5 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	2.5 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm²

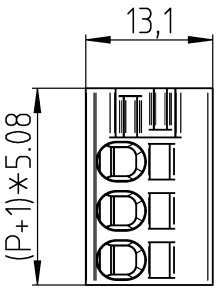
maximum conductor cross section (flex., stranded) with cable end sleeve	1.5 mm²
wire strip length	10 mm

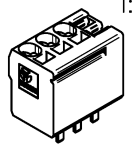
technical data UL/CSA

cross section UL	26-14 AWG
voltage UL	150 V
current factory wiring	10 A
current field wiring	10 A
cross section CSA	26-14 AWG
voltage CSA	150 V

technical drawing







Bestell-Nr. /order no.	Polzahl P /number of poles P	Typ /type	Farbe /colour
5D.903.2155.5	1	WTPN 2.5 0101RT	rot / red
5D.903.2155.6		WTPN 2.5 0101BL	blau / blue
5D.903.2555.5	5	WTPN 2.5 0105RT	rot / red
5D.903.2555.6		WTPN 2.5 0105BL	blau / blue
5D.903.2955.5	9	WTPN 2.5 0109RT	rot / red
5D.903.2955.6		WTPN 2.5 0109BL	blau / blue
5D.903.3155.5	11	WTPN 2.5 0111RT	rot / red
5D.903.3155.6		WTPN 2.5 0111BL	blau / blue

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	08.05.2025	Hollet

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.903.2155.5 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Benennung/Title

SENSORKLEMMLEISTE

sensor term. block

wieland

Index / Datum / Blatt
Date / Sheet

Änderung / Revision

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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

2025-11-27 10:18:26 1.000

01-QU-RD-32/21