product data sheet

item no. 5D.903.7155.5

sensor terminal block WTPN 2.5 0100RT

sensor terminal block WTPN 2.5 0100RT 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 5.08 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.903.7155.5
EAN	4049088732317
order unit	200 piece(s)

certificates / approvals

technical data

general

nominal cross section	2.5 mm²
color	red
number of levels	1
width/grid dimension	5.08 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	yes
type of insulation material	thermoplastic
length	13.1 mm
width	5.08 mm
height	16.5 mm

connection data

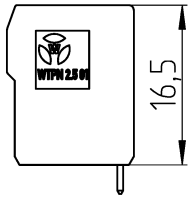
connection type	push-In connection//true
connection type 1	plug-in connection
minimum cross section solid	0.5 mm²
maximum cross section solid	2.5 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	2.5 mm²
minumum conductor cross section (flex., stranded) with cable end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

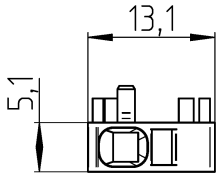
maximum conductor cross section (flex., stranded) with cable end sleeve	1.5 mm²
wire strip length	10 mm

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.	Typ /type	Farbe /colour
5D.903.7155.5	WTPN 2.5 0100RT	rot/ red
5D.903.7155.6	WTPN 2.5 0100BL	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 13.11.2025 Eichhorn N.

Elektronische Freigabe Electronic Release

Zeichnung Nr. / Drawing No. T 5D.903.7155.5 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Benennung/Title

SENSORKLEMMSTELLE

spacer push in

wieland

Index Datum / Blatt Date / Sheet

Änderung / Revision

2025-12-03 09:50:08 1.000

01-QU-RD-32/21

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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