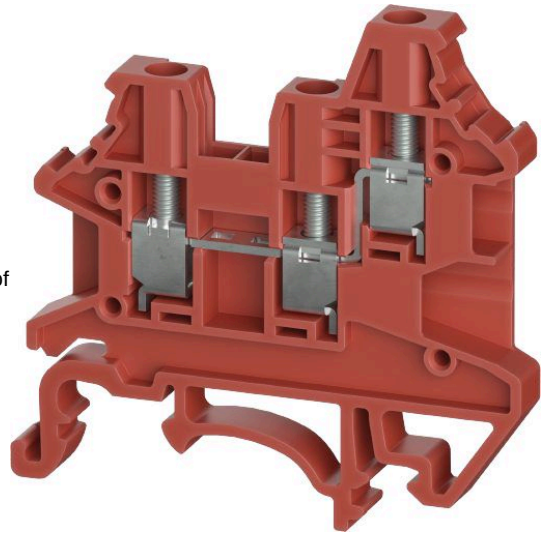
product data sheet

item no. 5D.S03.5055.5

feed-through terminal WTN 2.5 D1/2 RT

feed-through terminal WTN 2.5 D1/2 RT rated voltage 1000 V, rated current 24 A, screw connection, 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 red, width/grid dimension 5.1 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S03.5055.5
EAN	4049088724633
order unit	100 piece(s)

certificates / approvals

technical data

general

nominal cross section	2.5 mm²
color	red
number of levels	1
number of clamp positions per level	2
width/grid dimension	5.1 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
Anschlussart	screw connection
Anzahl der Klemmstellen je Etage	2
Montageart	DIN rail (top hat rail)
Brennbarkeitsklasse des Isolierstoffs	V0

technical data

rated current	24 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	48.7 mm
width	5.1 mm
height	49.3 mm

connection data

connection type	screw connection

connection type 1	screw connection
connection type 2	screw 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
torque conductor mounting	0.4 Nm

technical data UL/CSA

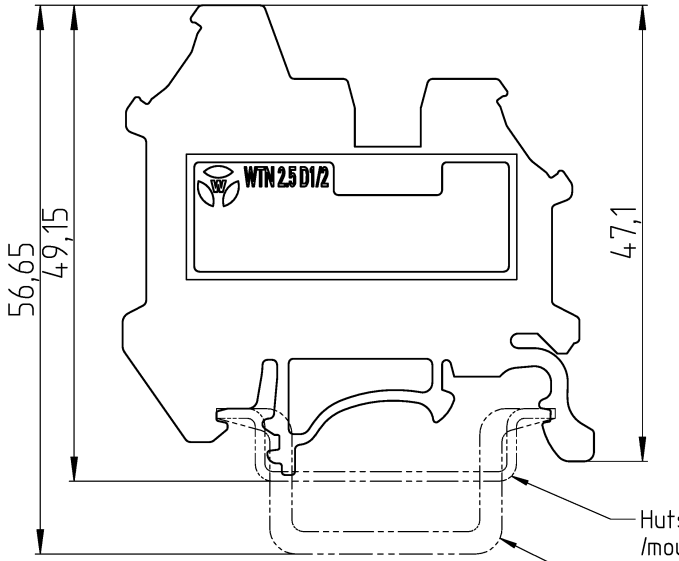
cross section UL	22-12 AWG
voltage UL	600 V
current factory wiring	20 A
current field wiring	20 A
cross section CSA	22-12 AWG
voltage CSA	600 V
current CSA	20 A

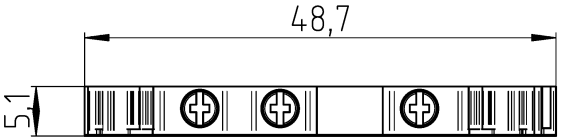
accessories

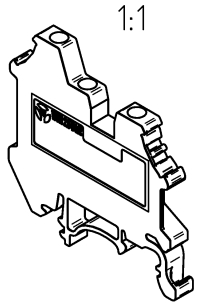
item no.	type	description
0D.S03.3227.5	jumper bar IVB WTN 2,5-2	jumper bar IVB WTN 2,5-2 modular spacing 5.1 mm, insulated yes, number of poles 2, color red, height 20.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.3327.5	jumper bar IVB WTN 2,5-3	jumper bar IVB WTN 2,5-3 modular spacing 5.1 mm, insulated yes, number of poles 3, color red, height 20.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.3427.5	jumper bar IVB WTN 2,5-4	jumper bar IVB WTN 2,5-4 modular spacing 5.1 mm, insulated yes, number of poles 4, color red, height 20.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.3527.5	jumper bar IVB WTN 2,5-5	jumper bar IVB WTN 2,5-5 modular spacing 5.1 mm, insulated yes, number of poles 5, color red, height 20.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.4027.5	jumper bar IVB WTN 2,5-10	jumper bar IVB WTN 2,5-10 modular spacing 5.1 mm, insulated yes, number of poles 10, color red, height 20.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.5027.5	jumper bar IVB WTN 2,5-20	jumper bar IVB WTN 2,5-20 modular spacing 5.1 mm, insulated yes, number of poles 20, color red, height 20.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.5127.5	jumper bar IVB WTN 2.5R6	jumper bar IVB WTN 2.5R6 modular spacing 7.8 mm, insulated yes, number of poles 2, color red, height 26.7 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S03.5227.5	jumper bar IVB WTN 2.5R10	jumper bar IVB WTN 2.5R10 modular spacing 8.5 mm, insulated yes, number of poles 2, color red, height 29.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S13.3227.5	jumper bar IVB WTN 2.5P2	jumper bar IVB WTN 2.5P2 modular spacing 10 mm, insulated yes, number of poles 2, color red, height 20.28 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S13.3327.5	jumper bar IVB WTN 2.5P3	jumper bar IVB WTN 2.5P3 modular spacing 10 mm, insulated yes, number of poles 3, color red, height 20.28 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S13.3427.5	jumper bar IVB WTN 2.5P4	jumper bar IVB WTN 2.5P4 modular spacing 10 mm, insulated yes, number of poles 4, color red, height 20.28 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S13.3527.5	jumper bar IVB WTN 2.5P5	jumper bar IVB WTN 2.5P5 modular spacing 10 mm, insulated yes, number of poles 5, color red, height 20.28 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S23.3227.0	insert bridge IVB WTN 2.5-2 IN	insert bridge IVB WTN 2.5-2 IN modular spacing 5.1 mm, insulated yes, number of poles 2, color grey, height 19 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S23.3327.0	insert bridge IVB WTN 2.5-3 IN	insert bridge IVB WTN 2.5-3 IN modular spacing 5.1 mm, insulated yes, number of poles 3, color grey, height 19 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S23.3427.0	insert bridge IVB WTN 2.5-4 IN	insert bridge IVB WTN 2.5-4 IN modular spacing 5.1 mm, insulated yes, number of poles 4, color grey, height 19 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

0D.S23.3527.0	insert bridge IVB WTN 2.5-5 IN	insert bridge IVB WTN 2.5-5 IN modular spacing 5.1 mm, insulated yes, number of poles 5, color grey, height 19 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S23.4027.0	insert bridge IVB WTN 2.5-10 IN	insert bridge IVB WTN 2.5-10 IN modular spacing 5.1 mm, insulated yes, number of poles 10, color grey, height 19 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S03.5955.5	test plug PS 2.5 WTN	test plug PS 2.5 WTN number of clamp positions per level 1, mounting method pluggable, color red, width/grid dimension 5.1 mm, inflammability class of insulation material acc. with ul94 V0
0D.S03.6955.9	lever LVWTN 2.5/4	lever LVWTN 2.5/4 length 13.2 mm, height 22.5 mm, material plastic, color orange, inflammability class of insulation material acc. with ul94 V0
0D.S03.2155.0	end plate APWTN 2,5/4 D1/2	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.2 mm, length 47.2 mm, color grey
0D.S04.1055.9	partition TW 001 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 0.8 mm, length 15.8 mm, color grey
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 material plastic, color white, length 230 mm, height 15.1 mm, inflammability class of insulation material acc. with ul94 V0
0D.203.7056.0	marking plate WMP 5,10-10	marking plate WMP 5,10-10 modular spacing 5.1 mm, material plastic, color white, length 128 mm, height 76 mm, inflammability class of insulation material acc. with ul94 V0

technical drawing







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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

Bestell-Nr. /order no.	Typ /type	Farbe /colour	VPE: packaging unit:
5D.S03.5055.0	WTN 2.5 D1/2	grau / grey	100
5D.S03.5055.5	WTN 2.5 D1/2 RT	rot / red	
5D.S03.5055.6	WTN 2.5 D1/2 BL	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	28.08.2025	Eichhorn N.
Elektronische Freigabe Electronic Release		

Zeichnung Nr. / Drawing No.: T 5D.S03.5055.0 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

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

wieland

Type

Benennung/Title

DURCHGANGSKLEMME

feed-through terminal

2025-11-17 15:22:51 1.000

01-QU-RD-32/21