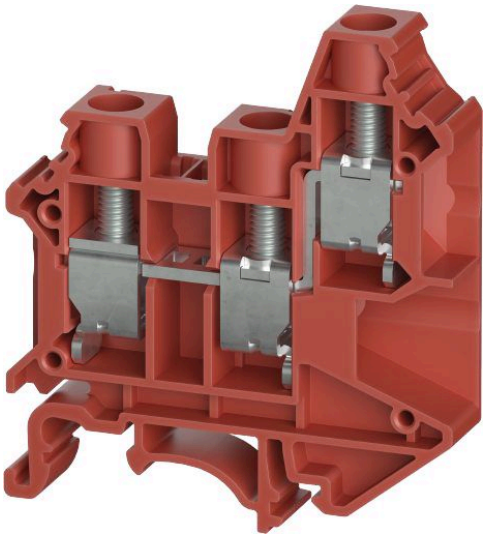
product data sheet

item no. 5D.S10.5055.5

feed-through terminal WTN 10 D1/2 RT

feed-through terminal WTN 10 D1/2 RT rated voltage 1000 V, rated current 57 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 10 mm², connectable conductor cross section fine stranded without cable end sleeve 0,5mm² - 10mm², mounting method DIN rail (top hat rail), color red, width/grid dimension 10 mm, inflammability class of insulation material acc. with ul94 V0, terminal blocks for electrical installations yes



item no.	5D.S10.5055.5
EAN	4049088725401
order unit	50 piece(s)

certificates / approvals

technical data

general

nominal cross section	10 mm²
color	red
number of levels	1
number of clamp positions per level	2
width/grid dimension	10 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
terminal blocks for electrical installations	yes
Anschlussart	screw connection
Anzahl der Klemmstellen je Etage	2
Montageart	DIN rail (top hat rail)
Brennbarkeitsklasse des Isolierstoffs	V0
Reihenklemmen für Installationsverteiler	yes

technical data

rated current	57 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	55.6 mm
width	10 mm
height	63.7 mm

connection data

connection type	screw connection
connection type 1	screw connection
connection type 2	screw connection
minimum cross section solid	0.5 mm²
maximum cross section solid	16 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	10 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	10 mm²
wire strip length	12 mm
torque conductor mounting	1.2 Nm

technical data UL/CSA

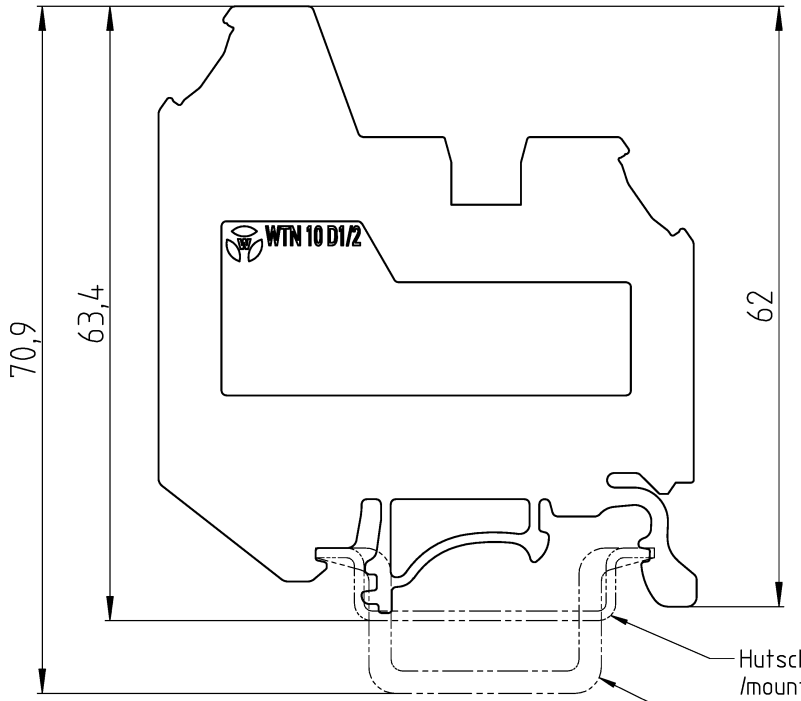
cross section UL	20-6 AWG
voltage UL	600 V
current factory wiring	60 A
current field wiring	60 A
cross section CSA	20-6 AWG
voltage CSA	600 V
current CSA	60 A

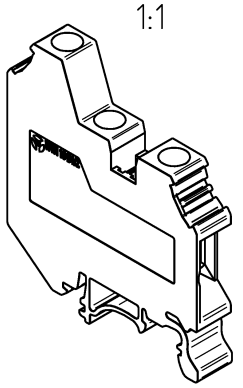
accessories

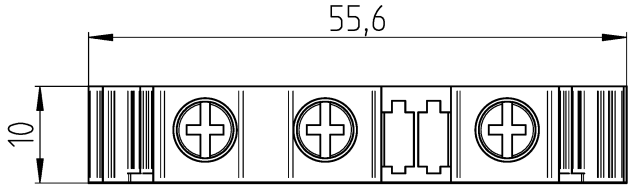
item no.	type	description
0D.S03.5227.5	jumper bar IVB WTN 2.5R10	jumper bar IVB WTN 2.5R10 modular spacing 8.5 mm, insulated yes, number of poles 2, color red, height 29.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S04.5227.5	jumper bar IVB WTN 4R10	jumper bar IVB WTN 4R10 modular spacing 9.2 mm, insulated yes, number of poles 2, color red, height 28.7 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3227.5	jumper bar IVB WTN 10-2	jumper bar IVB WTN 10-2 modular spacing 10 mm, insulated yes, number of poles 2, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3327.5	jumper bar IVB WTN 10-3	jumper bar IVB WTN 10-3 modular spacing 10 mm, insulated yes, number of poles 3, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3427.5	jumper bar IVB WTN 10-4	jumper bar IVB WTN 10-4 modular spacing 10 mm, insulated yes, number of poles 4, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3527.5	jumper bar IVB WTN 10-5	jumper bar IVB WTN 10-5 modular spacing 10 mm, insulated yes, number of poles 5, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.4027.5	jumper bar IVB WTN 10-10	jumper bar IVB WTN 10-10 modular spacing 10 mm, insulated yes, number of poles 10, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3227.0	insert bridge IVB WTN 10-2 IN	insert bridge IVB WTN 10-2 IN modular spacing 10 mm, insulated yes, number of poles 2, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3327.0	insert bridge IVB WTN 10-3 IN	insert bridge IVB WTN 10-3 IN modular spacing 10 mm, insulated yes, number of poles 3, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3427.0	insert bridge IVB WTN 10-4 IN	insert bridge IVB WTN 10-4 IN modular spacing 10 mm, insulated yes, number of poles 4, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3527.0	insert bridge IVB WTN 10-5 IN	insert bridge IVB WTN 10-5 IN modular spacing 10 mm, insulated yes, number of poles 5, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.4027.0	insert bridge IVB WTN 10-10 IN	insert bridge IVB WTN 10-10 IN modular spacing 10 mm, insulated yes, number of poles 10, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S06.1055.9	partition TW 002 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 0.8 mm, length 23.1 mm, color grey
0D.S10.2155.0	end plate APWTN 10 D1/2	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.2 mm, length 55.3 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.210.7056.0	marking plate WMP 10-10	marking plate WMP 10-10 modular spacing 10 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
5D.S10.5055.0	WTN 10 D1/2	grau / grey
5D.S10.5055.5	WTN 10 D1/2 RT	rot / red
5D.S10.5055.6	WTN 10 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	27.08.2025	Eichhorn N.
Elektronische Freigabe / Electronic Release		

Zeichnung Nr. / Drawing No.: T 5D.S10.5055.0 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

2025-11-27 10:27:54 1.000

01-QU-RD-32/21