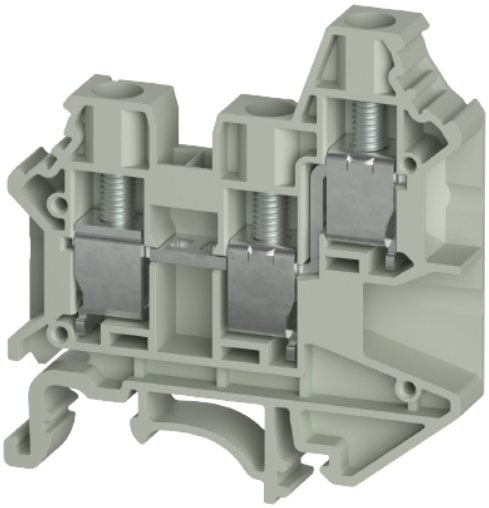
Data sheet

Commercial Art.No.: 5D.S06.5055.0

feed-through terminal WTN 6 D1/2

feed-through terminal WTN 6 D1/2 rated voltage 1000 V, rated current 41 A, screw connection, number of levels 1, number of clamp positions per level 3, nominal cross section 6 mm², connectable conductor cross section fine stranded without cable end sleeve 0,5mm² - 6mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 8 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S06.5055.0
EAN	4049088725319
Order Unit	100

certificates / approvals

Technical data

general

nominal cross section	6 mm²
color	grey
number of levels	1
number of clamp positions per level	3
width/grid dimension	8 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)

technical data

rated current	41 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	55.2 mm
width	8 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	10 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	6 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	6 mm²
wire strip length	12 mm
torque conductor mounting	1.2 Nm

technical data UL/CSA

cross section UL	20-8 AWG
voltage UL	600 V
current factory wiring	50 A
current field wiring	50 A
cross section CSA	20-8 AWG
voltage CSA	600 V
current CSA	50 A

classification

ETIM 9.0	EC000897

product compliance

REACH-SVHC conformity status	compliant

Accessories

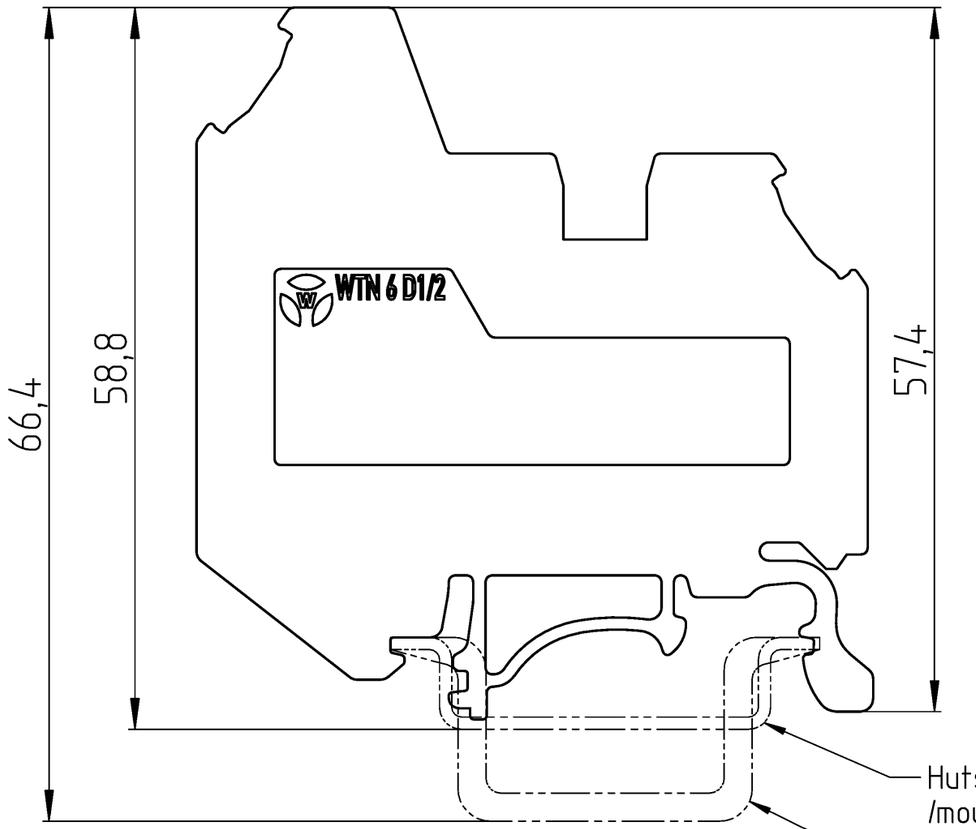
Commercial Art.No.:	Article-type description:	Description:
0D.S03.5127.5	jumper bar IVB WTN 2.5R6	jumper bar IVB WTN 2.5R6 modular spacing 7.8 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S04.5127.5	jumper bar IVB WTN 4R6	jumper bar IVB WTN 4R6 modular spacing 8.3 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.3227.5	jumper bar IVB WTN 6-2	jumper bar IVB WTN 6-2 modular spacing 8 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.3327.5	jumper bar IVB WTN 6-3	jumper bar IVB WTN 6-3 modular spacing 8 mm, insulated yes, number of poles 3, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.3427.5	jumper bar IVB WTN 6-4	jumper bar IVB WTN 6-4 modular spacing 8 mm, insulated yes, number of poles 4, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.3527.5	jumper bar IVB WTN 6-5	jumper bar IVB WTN 6-5 modular spacing 8 mm, insulated yes, number of poles 5, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.4027.5	jumper bar IVB WTN 6-10	jumper bar IVB WTN 6-10 modular spacing 8 mm, insulated yes, number of poles 10, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.1055.9	partition TW 002 WTN	

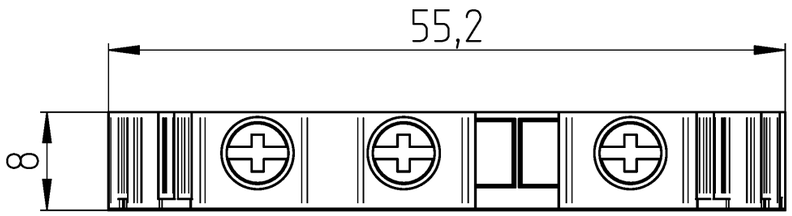
0D.S06.2155.0	end plate APWTN 6 D1/2	
0D.S06.2855.0	end plate APWTN 6 D1/2 B	
0D.202.7381.0	marking strips WML 7.4/60	marking strips WML 7.4/60 color white
0D.206.7056.0	marking plate WMP 8-10	marking plate WMP 8-10 modular spacing 8 mm, color white

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Confidentiality Class: Confidential

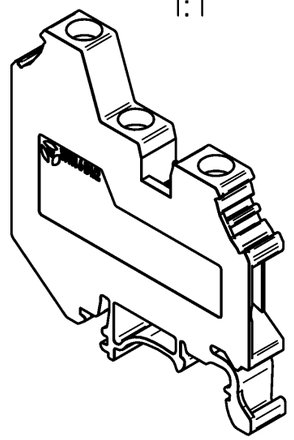
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig





1:1



Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S06.5055.0	WTN 6 D1/2	grau / grey
5D.S06.5055.5	WTN 6 D1/2 RT	rot / red
5D.S06.5055.6	WTN 6 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

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

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

Ersatz für / Replacement for:

Zeichnung Nr. / Drawing No.: T 5D.S06.5055.0 13K

Index

Maße in mm / Dimensions are in mm

wieland

Type

Benennung/Title

DURCHGANGSKLEMME

feed-through terminal