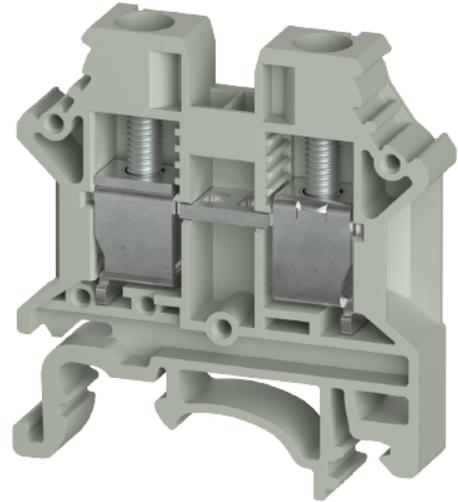


Data sheet

Commercial Art.No.: 5D.S06.0055.0

feed-through terminal WTN 6

feed-through terminal WTN 6 rated voltage 1000 V, rated current 41 A, screw connection, number of levels 1, number of clamp positions per level 4, nominal cross section 6 mm², connectable conductor crosssection fine stranded without cable end sleeve 0,5mm² - 6mm², mountingmethod DIN rail (top hat rail), color grey, width/grid dimension 8 mm, inflammability class of insulation material acc. with ul94 V0, terminalblocks for electrical installations yes



Commercial Art.No.	5D.S06.0055.0
EAN	4049088725258
Order Unit	100

certificates / approvals



LR

Technical data

general

nominal cross section	6 mm ²
color	grey
number of levels	1
number of clamp positions per level	4
width/grid dimension	8 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	4
Montageart	DIN rail (top hat rail)
Brennbarkeitsklasse des Isolierstoffs	V0
Reihenklammern für Installationsverteiler	yes

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	91.4 mm
width	8 mm
height	43.5 mm

connection data

connection type	screw connection
connection type 1	screw connection
connection type 2	screw connection
minimum cross section solid	0.5 mm ²
maximum cross section solid	10 mm ²
minimum cross section fine stranded	0.5 mm ²
maximum cross section fine stranded	6 mm ²
minimum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm ²
maximum conductor cross section (flex., stranded) with cable end sleeve	6 mm ²
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, height 26.7 mm, 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, height 26 mm, 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, height 24.9 mm, 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, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0

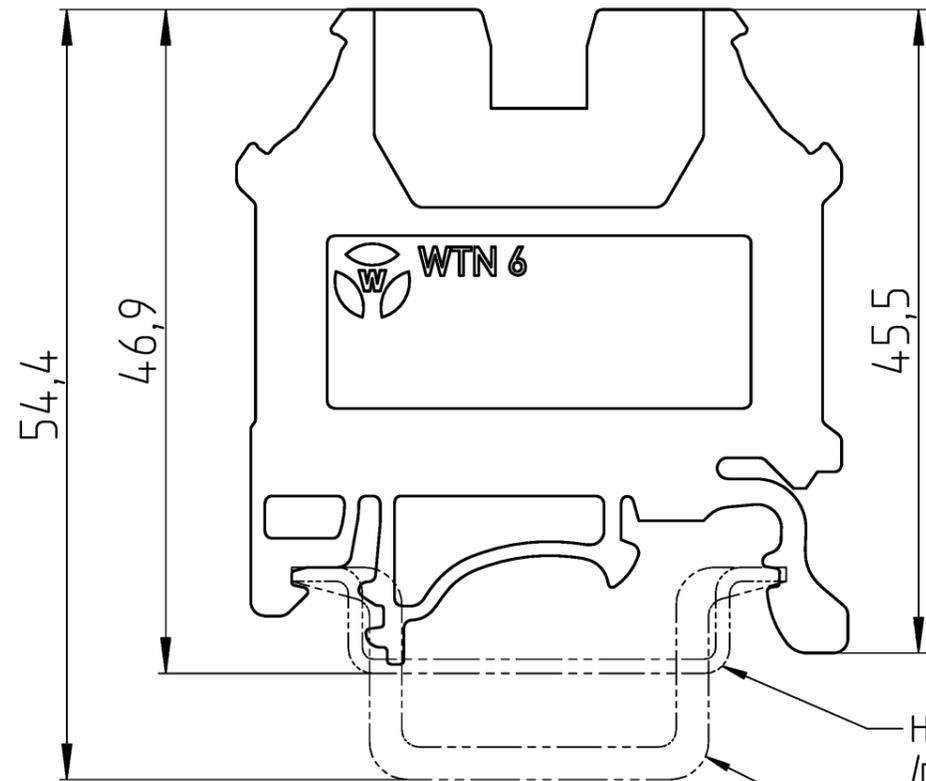
0D.S06.3427.5	jumper bar IVB WTN 6-4	jumper bar IVB WTN 6-4 modular spacing 8 mm, insulated yes, number of poles 4, color red, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.3527.5	jumper bar IVB WTN 6-5	jumper bar IVB WTN 6-5 modular spacing 8 mm, insulated yes, number of poles 5, color red, height 24.9 mm, 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, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.5227.5	jumper bar IVB WTN 6R16	jumper bar IVB WTN 6R16 modular spacing 11.2 mm, insulated yes, number of poles 2, color red, height 28 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.6555.2	cover ADWTN 6 SC	cover ADWTN 6 SC length 26 mm, height 5.4 mm, material plastic, color white, inflammability class of insulation material acc. with ul94 V0
0D.S06.6555.8	cover ADWTN 6 SC Y	cover ADWTN 6 SC Y length 26 mm, height 5.4 mm, material plastic, color yellow, inflammability class of insulation material acc. with ul94 V0
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.S04.1255.9	partition TW 008 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 52 mm, color grey
0D.S06.2055.0	end plate APWTN 6	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.2 mm, length 42.8 mm, color grey
0D.S06.2655.0	end plate APWTN 6 B	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 0.8 mm, length 42.8 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.206.7056.0	marking plate WMP 8-10	marking plate WMP 8-10 modular spacing 8 mm, material plastic, color white, length 128 mm, height 76 mm, inflammability class of insulation material acc. with ul94 V0
0D.S07.3227.0	insert bridge IVB WTN 6-2 IN	insert bridge IVB WTN 6-2 IN modular spacing 8 mm, insulated yes, number of poles 2, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S07.3327.0	insert bridge IVB WTN 6-3 IN	insert bridge IVB WTN 6-3 IN modular spacing 8 mm, insulated yes, number of poles 3, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S07.3427.0	insert bridge IVB WTN 6-4 IN	insert bridge IVB WTN 6-4 IN modular spacing 8 mm, insulated yes, number of poles 4, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S07.3527.0	insert bridge IVB WTN 6-5 IN	insert bridge IVB WTN 6-5 IN modular spacing 8 mm, insulated yes, number of poles 5, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S07.4027.0	insert bridge IVB WTN 6-10 IN	insert bridge IVB WTN 6-10 IN modular spacing 8 mm, insulated yes, number of poles 10, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

Alle Rechte vorbehalten
 All rights reserved
 Vertraulichkeitsklasse
 Confidentiality Class: Vertraulich
 Confidential

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

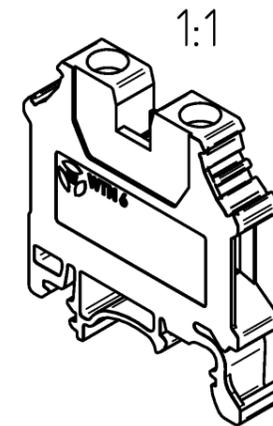
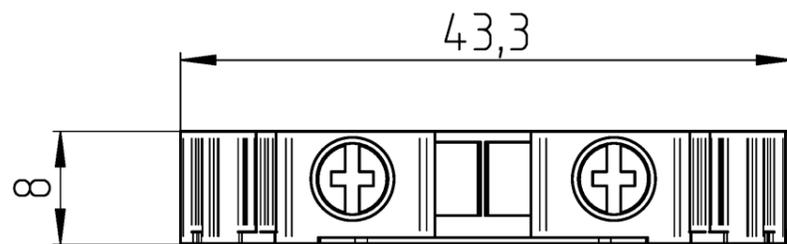
Diese Maße werden bei Abnahme besonders geprüft
 Ausschließlich Prüfmaße
 Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

F



Hutschiene EN 60715-35x7,5
 /mounting rail EN 60715-35x7,5

Hutschiene EN 60715-35x15
 /mounting rail EN 60715-35x15



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 <input checked="" type="checkbox"/> 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		Tag/Date	Name
Maßstab / Scale		gezeichnet drawn	Eichhorn N.
2:1		Elektronische Freigabe Electronic Release	
Vol. mm ³ / OfL./Srf. mm ²		Ersatz für / Replacement for:	
Index		Datum / Blatt Date / Sheet	
Änderung / Revision		Benennung/Title	
wieland		DURCHGANGSKLEMME feed-through terminal	
Bestell-Nr. /order no.		Zeichnung Nr. / Drawing No.	
Typ /type		T 5D.S06.0055.0 13K	
Farbe /colour		Maße in mm / Dimensions are in mm	
5D.S06.0055.0		WTN 6	
5D.S06.0055.5		WTN 6 RT	
5D.S06.0055.6		WTN 6 BL	

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S06.0055.0	WTN 6	grau / grey
5D.S06.0055.5	WTN 6 RT	rot / red
5D.S06.0055.6	WTN 6 BL	blau / blue