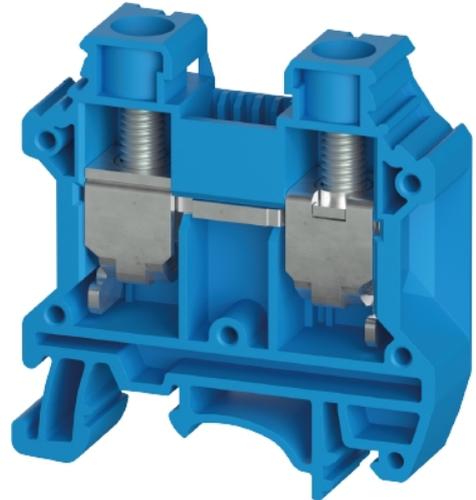


Data sheet

Commercial Art.No.: 5D.S16.0055.6

feed-through terminal WTN 16 BL

feed-through terminal WTN 16 BL rated voltage 1000 V, rated current 76 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 16 mm², connectable conductor cross section fine stranded without cable end sleeve 1,5mm² - 16mm², mounting method DIN rail (top hat rail), color blue, width/grid dimension 12 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S16.0055.6
EAN	4049088725456
Order Unit	50

certificates / approvals



LR

Technical data

general

nominal cross section	16 mm ²
color	blue
number of levels	1
number of clamp positions per level	2
width/grid dimension	12 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	76 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	57.8 mm
width	12 mm

height	70 mm
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connection data

connection type	screw connection
connection type 1	screw connection
connection type 2	screw connection
minimum cross section solid	1.5 mm ²
maximum cross section solid	25 mm ²
minimum cross section fine stranded	1.5 mm ²
maximum cross section fine stranded	16 mm ²
minimum conductor cross section (flex., stranded) with cable end sleeve	1.5 mm ²
maximum conductor cross section (flex., stranded) with cable end sleeve	16 mm ²
wire strip length	14 mm
torque conductor mounting	2 Nm

technical data UL/CSA

cross section UL	14-3 AWG
voltage UL	600 V
current factory wiring	100 A
current field wiring	100 A
cross section CSA	14-3 AWG
voltage CSA	600 V
current CSA	100 A

classification

ETIM 9.0	EC000897
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product compliance

REACH-SVHC conformity status	compliant
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Accessories

Commercial Art.No.:	Article-type description:	Description:
0D.S03.5327.5	jumper bar IVB WTN 2.5R16	jumper bar IVB WTN 2.5R16 modular spacing 9.1 mm, insulated yes, number of poles 2, color red, height 30.5 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S04.5327.5	jumper bar IVB WTN 4R16	jumper bar IVB WTN 4R16 modular spacing 9.8 mm, insulated yes, number of poles 2, color red, height 29.9 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.S16.3227.5	jumper bar IVB WTN 16-2	jumper bar IVB WTN 16-2 modular spacing 12 mm, insulated yes, number of poles 2, color red, height 26.1 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S16.6555.2	cover ADWTN 16 SC	cover ADWTN 16 SC length 32.8 mm, height 6.1 mm, material plastic, color white, inflammability class of insulation material acc. with ul94 V0

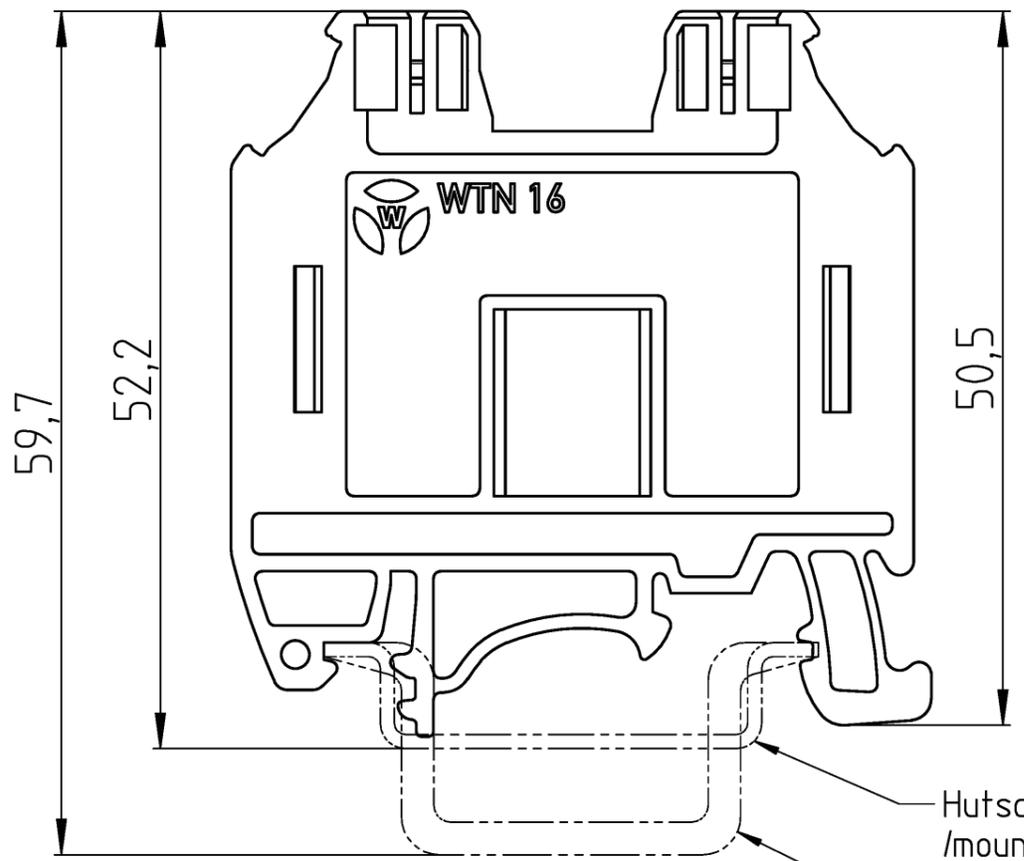
0D.S16.6555.8	cover ADWTN 16 SC Y	cover ADWTN 16 SC Y length 32.8 mm, height 6.1 mm, material plastic, color yellow, inflammability class of insulation material acc. with ul94 V0
0D.S10.1055.9	partition TW 009 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 58.9 mm, color grey
0D.S16.1055.9	partition TW 004 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 1.4 mm, length 28.7 mm, color grey
0D.S16.2055.0	end plate APWTN 16	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.5 mm, length 48.3 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
0D.S17.5227.0	insert bridge IVB WTN 16-2 P	insert bridge IVB WTN 16-2 P modular spacing 12 mm, insulated yes, number of poles 2, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S17.5327.0	insert bridge IVB WTN 16-3 P	insert bridge IVB WTN 16-3 P modular spacing 12 mm, insulated yes, number of poles 3, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S17.5427.0	insert bridge IVB WTN 16-4 P	insert bridge IVB WTN 16-4 P modular spacing 12 mm, insulated yes, number of poles 4, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S17.6027.0	insert bridge IVB WTN 16-10 P	insert bridge IVB WTN 16-10 P modular spacing 12 mm, insulated yes, number of poles 10, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

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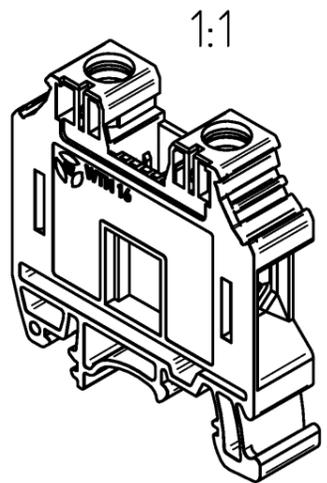
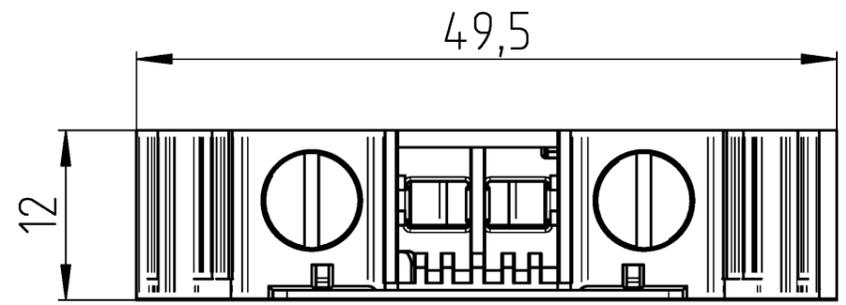
B
 These dimensions will be especially checked at delivery
 Only inspection dimensions
 With /E marked dimensions are only valid for internal use

C
 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		27.08.2025	Eichhorn N.
Vol. mm ³ / Of./Srf. mm ²		Elektronische Freigabe Electronic Release	
Ersatz für / Replacement for:		Zeichnung Nr. / Drawing No.	
Type		T 5D.S16.0055.0 13K	
Benennung/Title		Maße in mm / Dimensions are in mm	
Index Datum / Blatt Date / Sheet		DURCHGANGSKLEMME feed-through terminal	
Änderung / Revision		wieland	

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S16.0055.0	WTN 16	grau / grey
5D.S16.0055.5	WTN 16 RT	rot / red
5D.S16.0055.6	WTN 16 BL	blau / blue