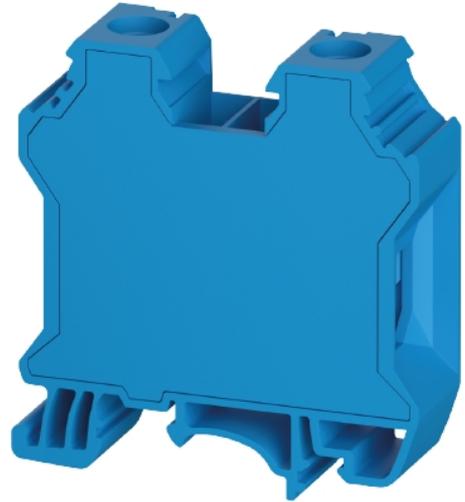


## Data sheet

Commercial Art.No.: 5D.S35.0055.6

feed-through terminal WTN 35 BL

feed-through terminal WTN 35 BL rated voltage 1000 V, rated current 125 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 35 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 1,5mm<sup>2</sup> - 35mm<sup>2</sup>, mounting method DIN rail (top hat rail), color blue, width/grid dimension 16 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S35.0055.6
EAN	4049088725524
Order Unit	50

certificates / approvals



LR

## Technical data

### general

nominal cross section	35 mm <sup>2</sup>
color	blue
number of levels	1
number of clamp positions per level	2
width/grid dimension	16 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	125 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	no
type of insulation material	thermoplastic
length	40.7 mm
width	16 mm

height	55.9 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 <sup>2</sup>
maximum cross section solid	50 mm <sup>2</sup>
minimum cross section fine stranded	1.5 mm <sup>2</sup>
maximum cross section fine stranded	35 mm <sup>2</sup>
minimum conductor cross section (flex., stranded) with cable end sleeve	1.5 mm <sup>2</sup>
maximum conductor cross section (flex., stranded) with cable end sleeve	35 mm <sup>2</sup>
wire strip length	16 mm
torque conductor mounting	3.5 Nm

**technical data UL/CSA**

cross section UL	12-1/0 AWG
voltage UL	600 V
current factory wiring	150 A
current field wiring	150 A
cross section CSA	12-1/0 AWG
voltage CSA	600 V
current CSA	150 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.S35.3227.5	jumper bar IVB WTN 35-2	jumper bar IVB WTN 35-2 modular spacing 16 mm, insulated yes, number of poles 2, color red, height 33.6 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
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.S35.1055.9	partition TW 010 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 66.9 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.S36.3227.0	insert bridge IVB WTN 35-2 IN	insert bridge IVB WTN 35-2 IN modular spacing 16 mm, insulated yes, number of poles 2, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

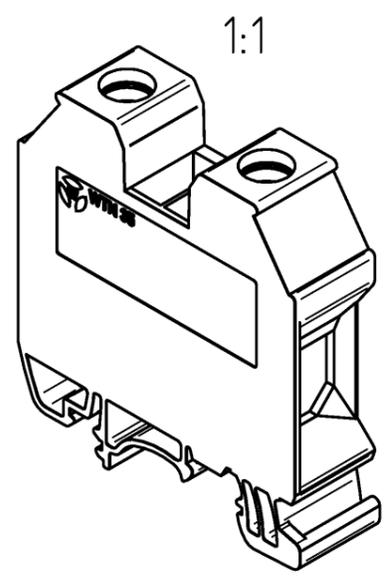
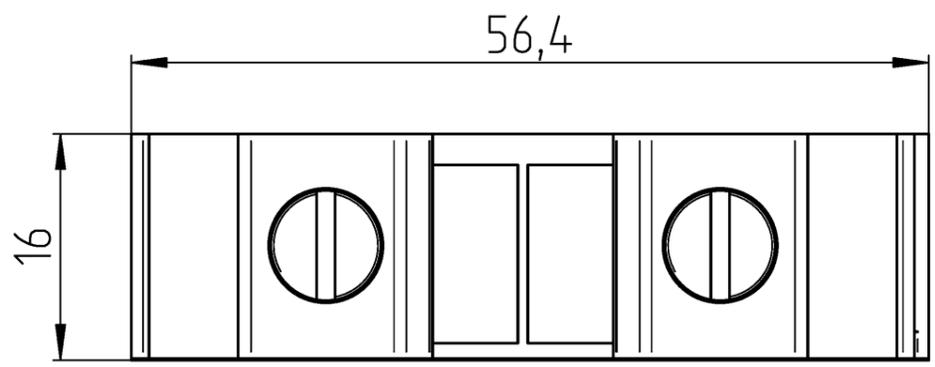
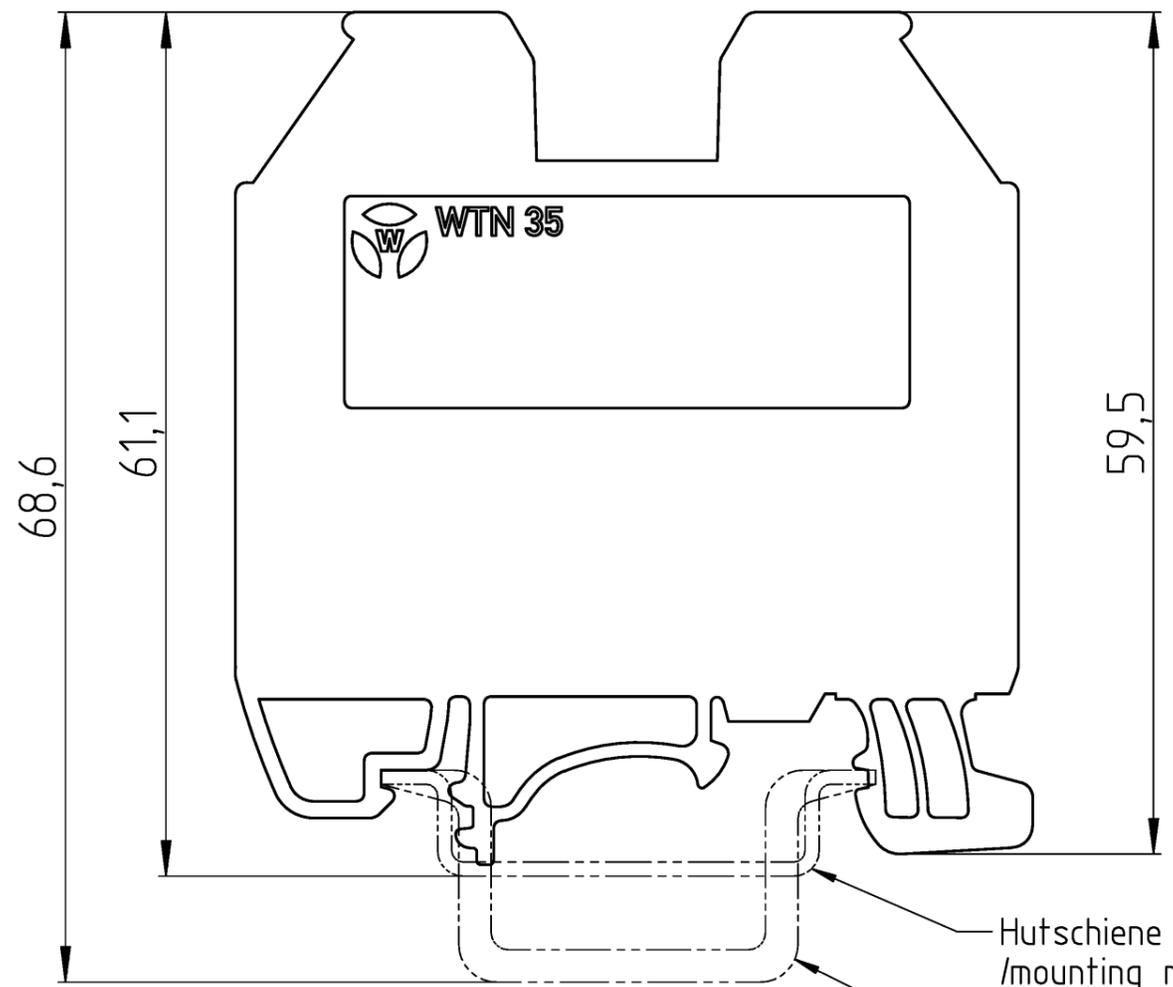
0D.S36.3327.0	insert bridge IVB WTN 35-3 IN	insert bridge IVB WTN 35-3 IN modular spacing 16 mm, insulated yes, number of poles 3, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.3427.0	insert bridge IVB WTN 35-4 IN	insert bridge IVB WTN 35-4 IN modular spacing 16 mm, insulated yes, number of poles 4, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.3527.0	insert bridge IVB WTN 35-5 IN	insert bridge IVB WTN 35-5 IN modular spacing 16 mm, insulated yes, number of poles 5, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.3627.0	insert bridge IVB WTN 35-6 IN	insert bridge IVB WTN 35-6 IN modular spacing 16 mm, insulated yes, number of poles 6, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.3727.0	insert bridge IVB WTN 35-7 IN	insert bridge IVB WTN 35-7 IN modular spacing 16 mm, insulated yes, number of poles 7, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.3827.0	insert bridge IVB WTN 35-8 IN	insert bridge IVB WTN 35-8 IN modular spacing 16 mm, insulated yes, number of poles 8, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.3927.0	insert bridge IVB WTN 35-9 IN	insert bridge IVB WTN 35-9 IN modular spacing 16 mm, insulated yes, number of poles 9, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S36.4027.0	insert bridge IVB WTN 35-10 IN	insert bridge IVB WTN 35-10 IN modular spacing 16 mm, insulated yes, number of poles 10, color grey, height 34 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

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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		T 5D.S35.0055.0 13K	
Vol. mm <sup>3</sup> / Of./Srf. mm <sup>2</sup>		Elektronische Freigabe Electronic Release	
Ersatz für / Replacement for:		Maße in mm / Dimensions are in mm	
Type		Benennung/Title	
Index Datum / Blatt Date / Sheet		DURCHGANGSKLEMME	
Änderung / Revision		feed-through terminal	

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S35.0055.0	WTN 35	grau / grey
5D.S35.0055.5	WTN 35 RT	rot / red
5D.S35.0055.6	WTN 35 BL	blau / blue

