

Data sheet

Commercial Art.No.: 5D.S97.0055.6

feed-through terminal WTN 150 BL

feed-through terminal WTN 150 BL rated voltage 1000 V, rated current 309 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 150 mm², connectable conductor cross section fine stranded without cable end sleeve 35mm² - 150mm², mounting method DIN rail (top hat rail), color blue, width/grid dimension 38 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S97.0055.6
EAN	4049088725784
Order Unit	5

certificates / approvals



LR

Technical data

general

nominal cross section	150 mm ²
color	blue
number of levels	1
number of clamp positions per level	2
width/grid dimension	38 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	309 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	no
type of insulation material	thermoplastic
length	49.6 mm
width	31 mm

height	52.2 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	35 mm ²
maximum cross section solid	150 mm ²
minimum cross section fine stranded	35 mm ²
maximum cross section fine stranded	150 mm ²
wire strip length	36 mm
torque conductor mounting	19 Nm

technical data UL/CSA

cross section UL	8-3/0 AWG
voltage UL	600 V
current factory wiring	275 A
current field wiring	275 A
cross section CSA	8-3/0 AWG
voltage CSA	600 V
current CSA	275 A

classification

ETIM 9.0	EC000897
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product compliance

REACH-SVHC conformity status	compliant
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Accessories

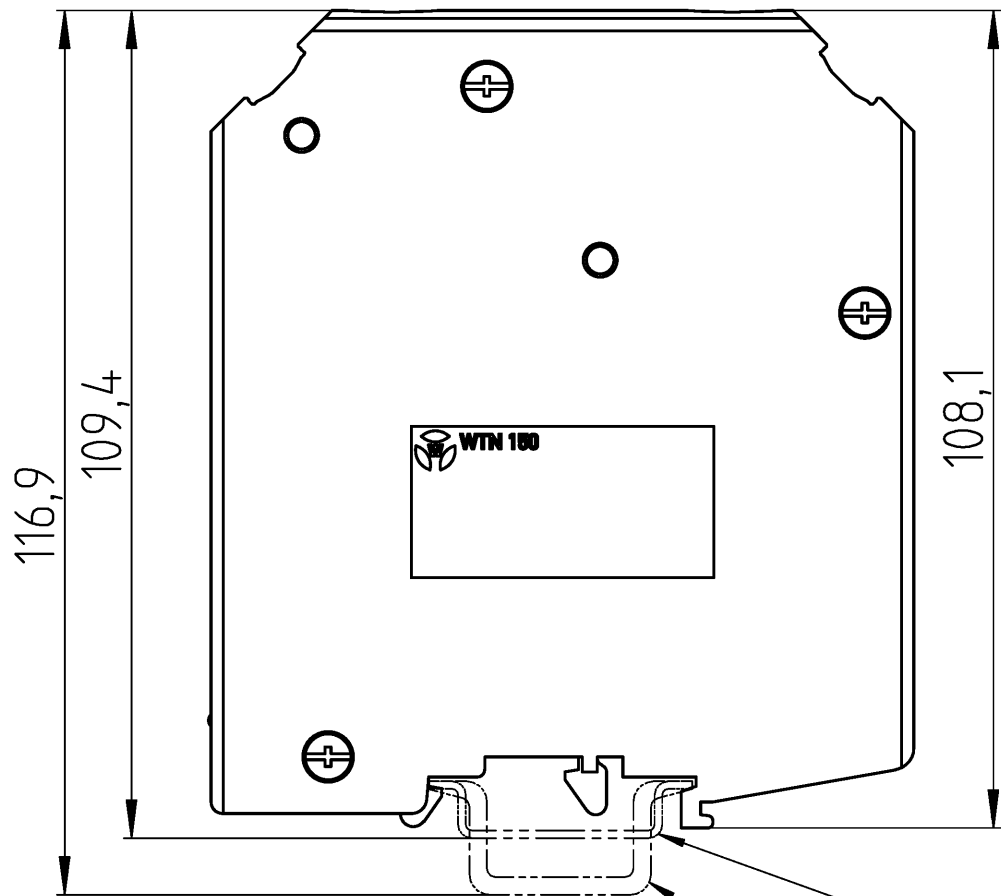
Commercial Art.No.:	Article-type description:	Description:
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 material plastic, color white, length 230 mm, height 15.1 mm, inflammability class of insulation material acc. with ul94 V0
0D.210.7056.0	marking plate WMP 10-10	marking plate 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.S51.3227.0	insert bridge IVB WTN 150-2 IN	insert bridge IVB WTN 150-2 IN modular spacing 31 mm, insulated yes, number of poles 2, color grey, height 39.6 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S51.3327.0	insert bridge IVB WTN 150-3 IN	insert bridge IVB WTN 150-3 IN modular spacing 31 mm, insulated yes, number of poles 3, color grey, height 39.6 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

A
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Vertraulichkeitsklasse
Confidentiality Class.

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

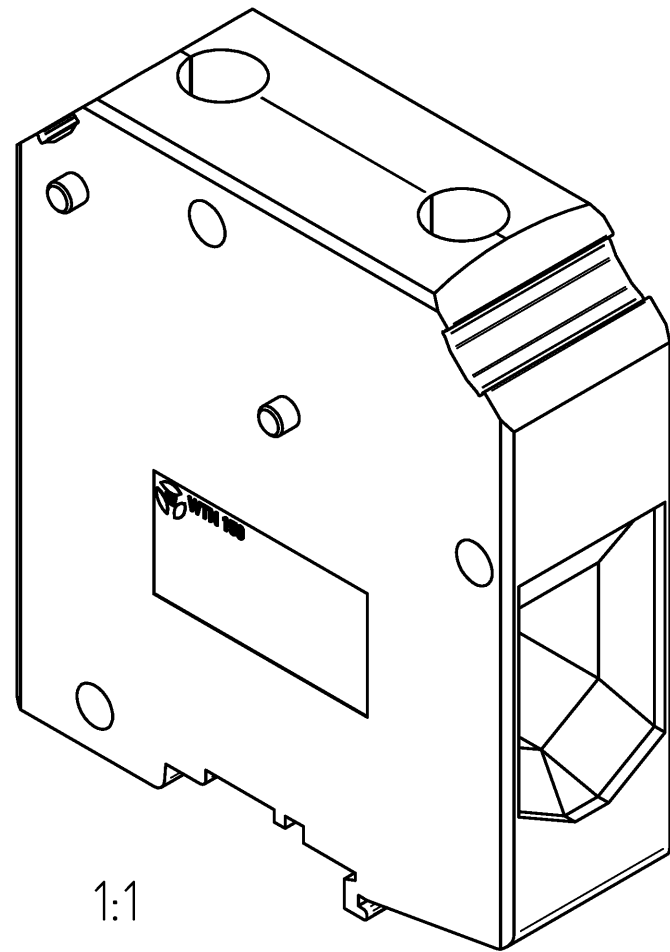
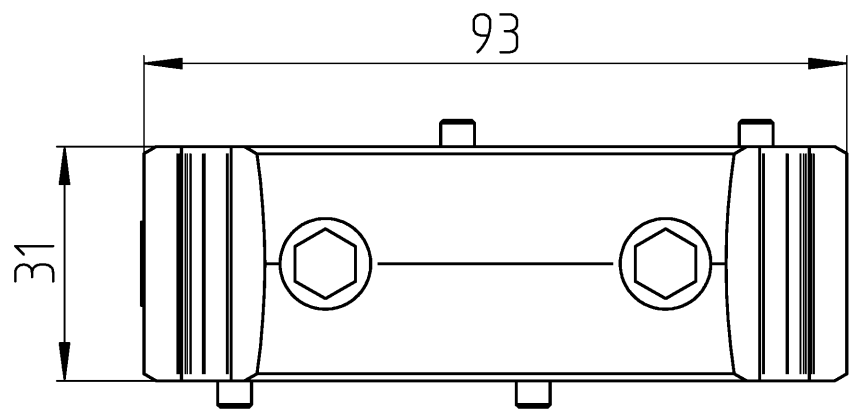
C
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

F



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

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



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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		Tag/Date	Name		T	Zeichnung Nr. / Drawing No.	Index
	/			gezeichnet drawn	24.10.2025	Burger				
	/			Maßstab / Scale		Elektronische Freigabe Electronic Release				
	/			1:1						
	/			Ersatz für / Replacement for:		Maße in mm / Dimensions are in mm				
	/	Vol.	mm ³	Ofl./Srf.	mm ²					
	/	 wieland			Type	Benennung/Title DURCHGANGSKLEMME earth terminal				
	/									
	/									
Index	Datum / Blatt Date / Sheet									
Änderung / Revision										