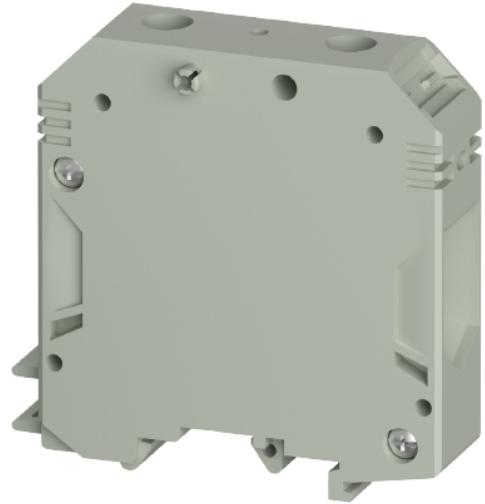


Data sheet

Commercial Art.No.: 5D.S50.0055.0

feed-through terminal WTN 50

feed-through terminal WTN 50 rated voltage 1000 V, rated current 150 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 50 mm², connectable conductor cross section fine stranded without cable end sleeve 16mm² - 50mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 20 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S50.0055.0
EAN	4049088725579
Order Unit	20

certificates / approvals



Technical data

general

nominal cross section	50 mm ²
color	grey
number of levels	1
number of clamp positions per level	2
width/grid dimension	20 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)

technical data

rated current	150 A
rated voltage	1000 V
rated impulse voltage	8 kV
closing plate required	no
length	70.5 mm
width	20 mm

connection data

connection type	screw connection
connection type 1	screw connection
minimum cross section solid	16 mm ²
maximum cross section solid	50 mm ²

minimum cross section fine stranded	16 mm ²
maximum cross section fine stranded	50 mm ²
minumum conductor cross section (flex., stranded) with cable end sleeve	16 mm ²
maximum conductor cross section (flex., stranded) with cable end sleeve	50 mm ²
wire strip length	26 mm
torque conductor mounting	5.6 Nm

technical data UL/CSA

cross section UL	6-2sol AWG, 1/0str AWG
voltage UL	600 V
current factory wiring	150 A
current field wiring	150 A
cross section CSA	6-2sol AWG, 1/0str AWG
voltage CSA	600 V
current CSA	150 A

classification

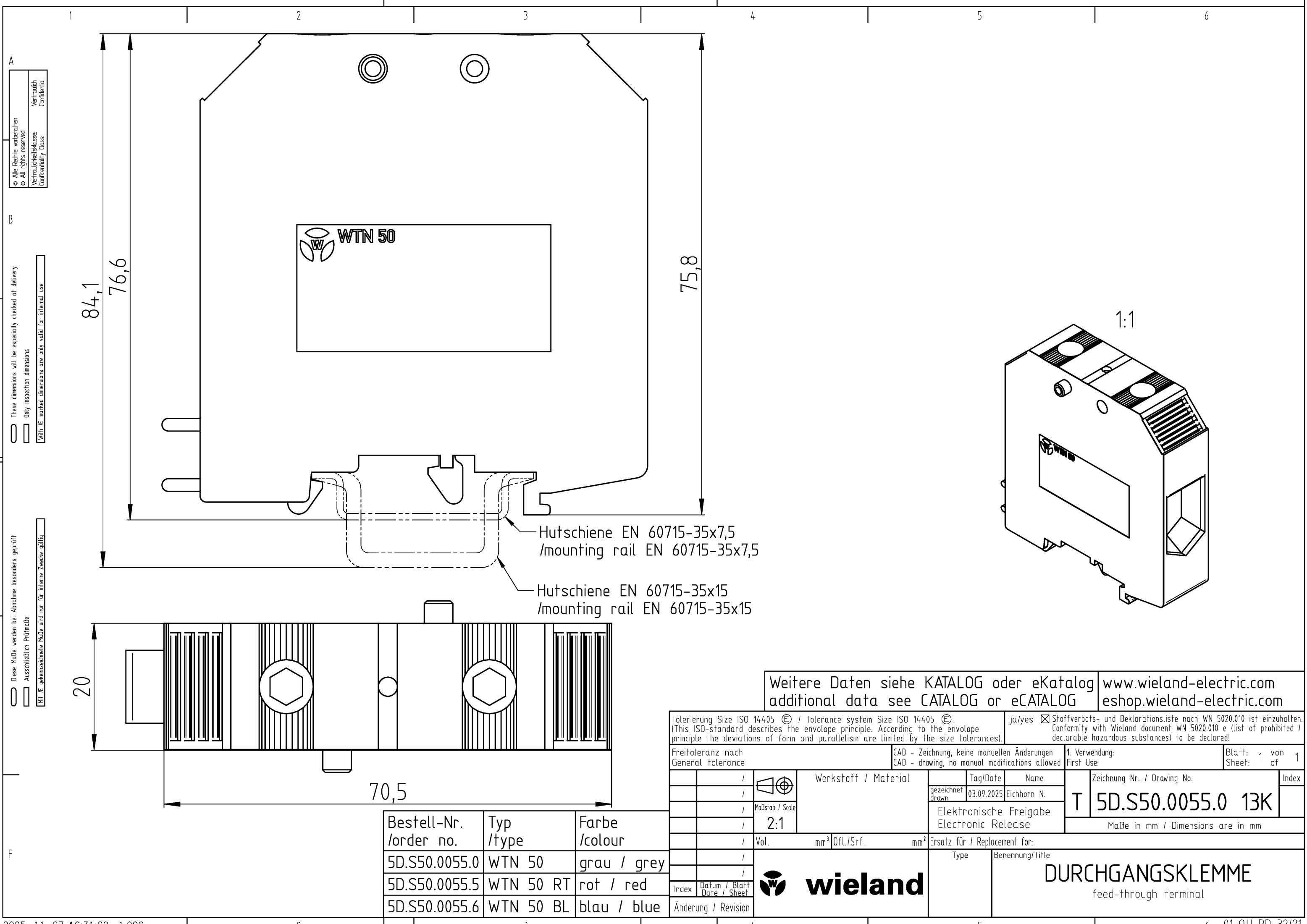
ETIM 9.0	EC000897
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product compliance

REACH-SVHC conformity status	compliant
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Accessories

Commercial Art.No.:	Article-type description:	Description:
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 color white
0D.210.7056.0	marking plate WMP 10-10	marking plate WMP 10-10 modular spacing 10 mm, color white



A
© Alle Rechte vorbehalten
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Vertraulichkeitsklasse
Confidentiality Class
Vertraulich
Confidential

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

D

E

F

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG

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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	03.09.2025	Eichhorn N.					
	/			Maßstab / Scale		Elektronische Freigabe Electronic Release					
	/			2:1		Maße in mm / Dimensions are in mm					
	/	Vol.	mm ³	Ofl./Srf.	mm ²	Ersatz für / Replacement for:					
	/		wieland	Type		Benennung/Title					
	/					DURCHGANGSKLEMME					
Index	Datum / Blatt Date / Sheet					feed-through terminal					
Änderung / Revision											

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S50.0055.0	WTN 50	grau / grey
5D.S50.0055.5	WTN 50 RT	rot / red
5D.S50.0055.6	WTN 50 BL	blau / blue