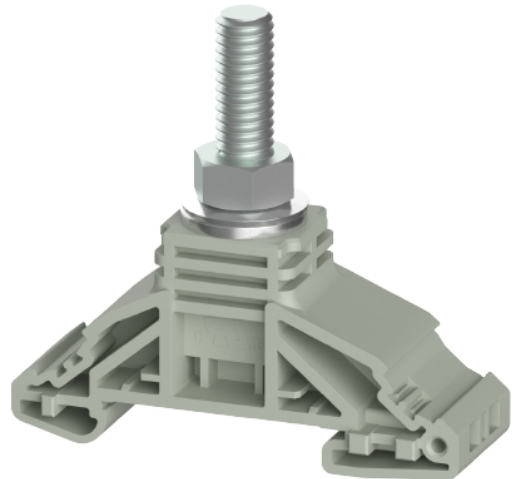


Data sheet

Commercial Art.No.: 5D.S50.1755.0

high current terminal WRTN 50 M8

high current terminal WRTN 50 M8 rated voltage 1000 V, rated current 150 A, bolt connection, number of levels 1, number of clamp positions per level 3, nominal cross section 50 mm², connectable conductor cross section fine stranded without cable end sleeve 2,5mm² - 50mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 21 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S50.1755.0
EAN	4049088725623
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	3
width/grid dimension	21 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
connection type	bolt connection
number of clamp positions per level	3
mounting method	DIN rail (top hat rail)
inflammability class of insulation material acc. with UL94	V0
halogen free	yes

technical data

rated current	150 A
rated voltage	1000 V
rated impulse voltage	8 kV
closing plate required	no
type of insulation material	thermoplastic
length	67 mm
width	21 mm
height	64 mm

connection data

Creation date 29.10.2025

Reserve technical changes

Page 1

connection type	bolt connection
connection type 1	screw connection
minimum cross section solid	2.5 mm ²
maximum cross section solid	50 mm ²
minimum cross section fine stranded	2.5 mm ²
maximum cross section fine stranded	50 mm ²
torque conductor mounting	10 Nm

technical data UL/CSA

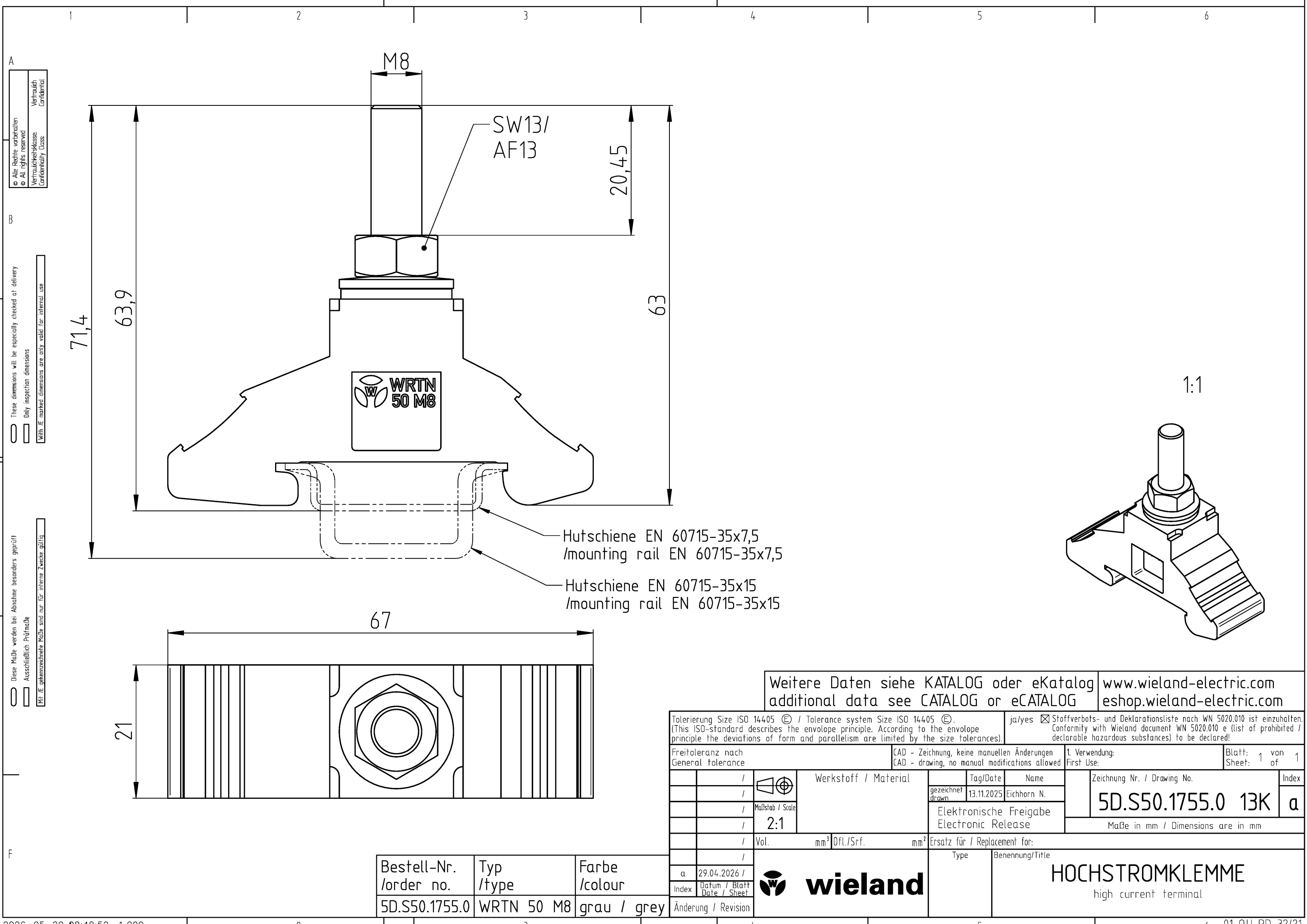
cross section UL	14-1/0 AWG
voltage UL	1000 V
current factory wiring	150 A
current field wiring	150 A
cross section CSA	14-1/0 AWG
voltage CSA	1000 V
current CSA	150 A

classification

ETIM 9.0	EC000897
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product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant



A
Alle Rechte vorbehalten
All rights reserved
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

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		Zeichnung Nr. / Drawing No.	Index
	/			gezeichnet drawn	13.11.2025	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:			
	/				Type	Benennung/Title			
a	29.04.2026 /		wieland		HOCHSTROMKLEMME high current terminal				
Index	Datum / Blatt Date / Sheet								
Änderung / Revision									