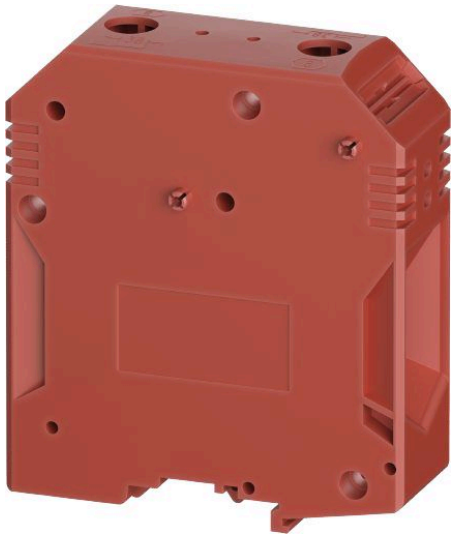
product data sheet

item no. 5D.S97.0055.5

feed-through terminal WTN 150 RT

feed-through terminal WTN 150 RT 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 red, width/grid dimension 38 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S97.0055.5
EAN	4049088725777
order unit	5 piece(s)

certificates / approvals

technical data

general

nominal cross section	150 mm²
color	red
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	93 mm
width	31 mm
height	109 mm

connection data

connection type	screw connection

connection type 1	screw connection
connection type 2	screw connection
minimum cross section solid	35 mm²
maximum cross section solid	150 mm²
minimum cross section fine stranded	35 mm²
maximum cross section fine stranded	150 mm²
wire strip length	36 mm
torque conductor mounting	19 Nm

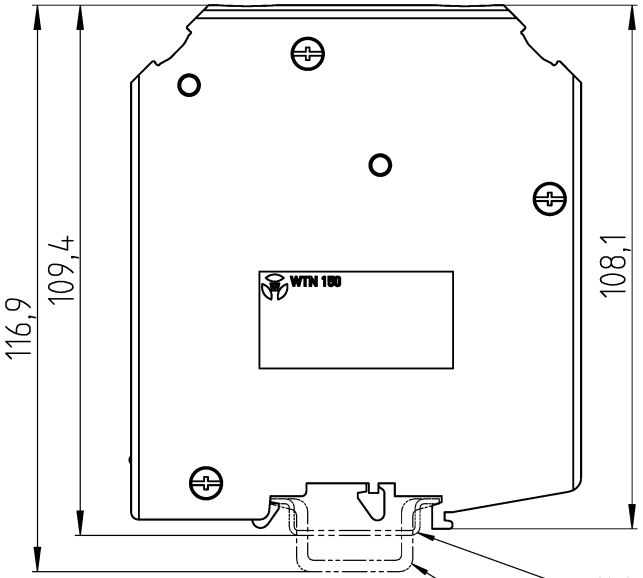
technical data UL/CSA

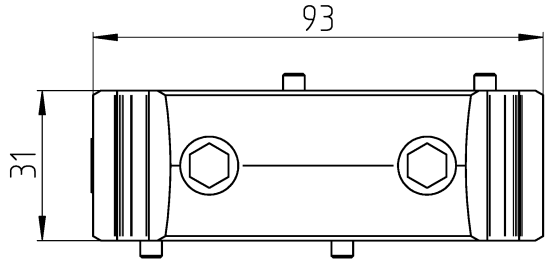
cross section UL	8-3/0 AWG
voltage UL	600 V
current factory wiring	275 A
current field wiring	275 A
cross section CSA	8-3/0 AWG
voltage CSA	600 V
current CSA	275 A

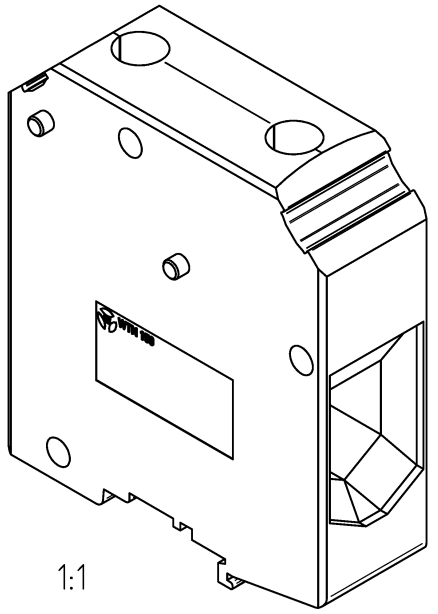
accessories

item no.	type	description
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
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

technical drawing







Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S97.0055.0	WTN 150	grau/grey
5D.S97.0055.5	WTN 150 RT	rot/red
5D.S97.0055.6	WTN 150 BL	blau/blue

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

www.wieland-electric.com
eshop.wieland-electric.com

Toleranz 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

Maßstab / Scale: 1:1

	Tag/Date	Name
gezeichnet / drawn	24.10.2025	Burger

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.S97.0055.0 13K

Index

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Type

Benennung/Title: DURCHGANGSKLEMME
earth terminal

wieland

Index / Datum / Blatt
Date / Sheet
Änderung / Revision

© Alle Rechte vorbehalten
© All rights reserved
Vertraulichkeitsklasse: Vertraulich
confidentiality class: confidential

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

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

2025-12-02 09:53:50 1.000

01-QU-RD-32/21