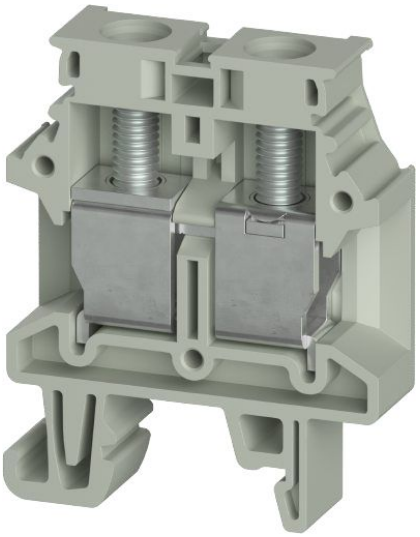
product data sheet

item no. 5D.ST6.0055.0

feed-through terminal WTN 6 TS15

feed-through terminal WTN 6 TS15 rated voltage 500 V, rated current 41 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 6 mm², connectable conductor cross section fine stranded without cable end sleeve 0,5mm² - 6mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 8 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.ST6.0055.0
EAN	4049088726071
order unit	50 piece(s)

certificates / approvals

technical data

general

nominal cross section	6 mm²
color	grey
number of levels	1
number of clamp positions per level	2
width/grid dimension	8 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
explosion-tested version "Ex e"	no
mounting method	DIN rail (top hat rail)
terminal blocks for electrical installations	yes
Anschlussart	screw connection
Anzahl der Klemmstellen je Etage	2
Montageart	DIN rail (top hat rail)
Brennbarkeitsklasse des Isolierstoffs	V0
Reihenklemmen für Installationsverteiler	yes
halogen free	yes

technical data

rated current	41 A
rated voltage	500 V
rated impulse voltage	4 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	30.3 mm

width	8 mm
height	37.8 mm

connection data

connection type	screw connection
connection type 1	screw connection
connection type 2	screw connection
minimum cross section solid	0.5 mm²
maximum cross section solid	6 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	6 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	6 mm²
wire strip length	10 mm
torque conductor mounting	1.2 Nm

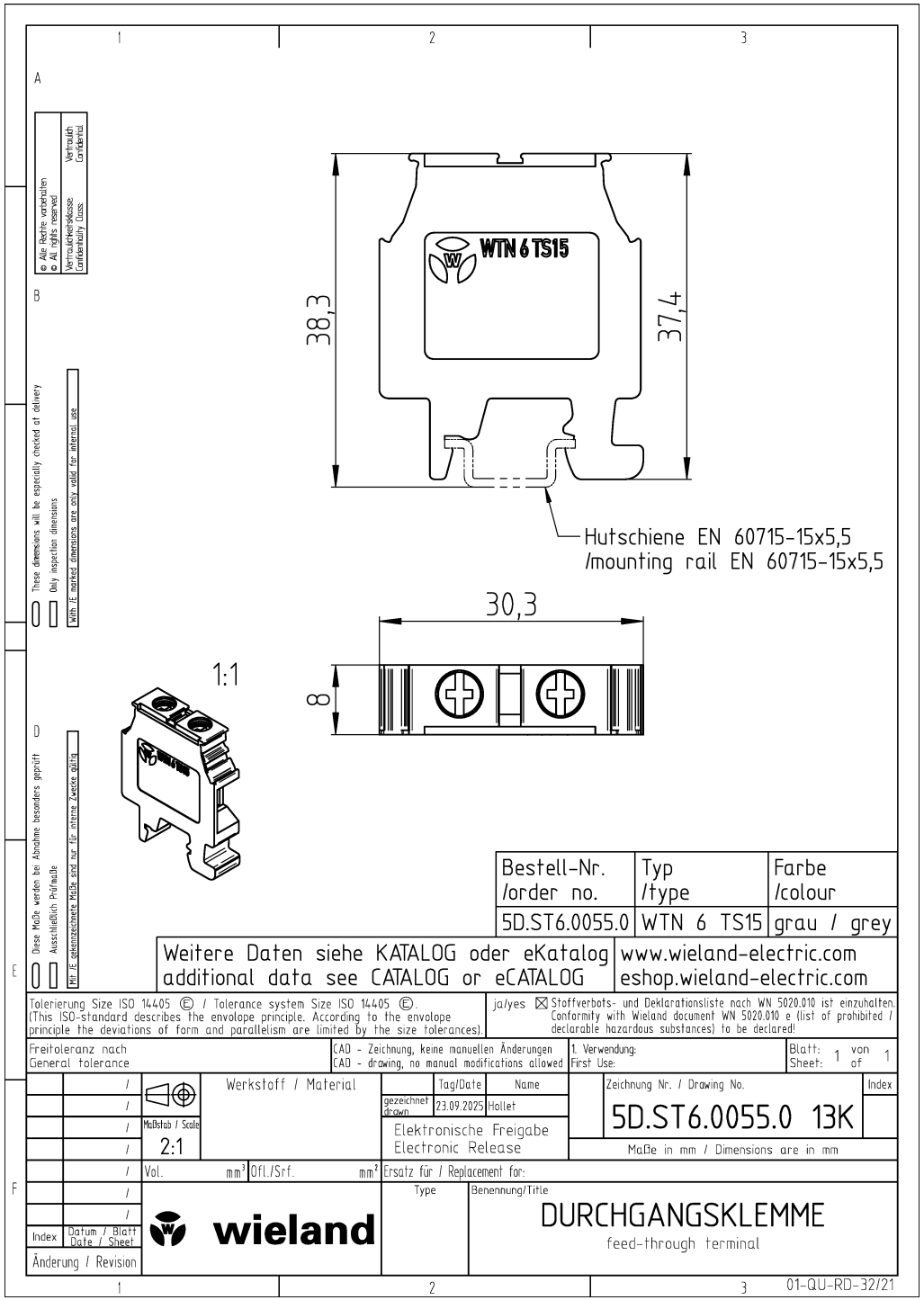
technical data UL/CSA

cross section UL	20-8 AWG
voltage UL	300 V
current factory wiring	50 A
current field wiring	50 A
cross section CSA	20-8 AWG
voltage CSA	300 V
current CSA	50 A

accessories

item no.	type	description
0D.ST6.2055.0	end plate APWTN 6 TS15	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1 mm, length 30 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.206.7056.0	marking plate WMP 8-10	marking plate WMP 8-10 modular spacing 8 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.ST6.0055.0	WTN 6 TS15	grau / grey

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: / Sheet: 1 von / of 1

Werkstoff / Material

Maßstab / Scale: 2:1

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Tag/Date: gezeichnet / drawn 23.09.2025 Hollet

Elektronische Freigabe / Electronic Release

Zeichnung Nr. / Drawing No.: 5D.ST6.0055.0 13K

Index

Maße in mm / Dimensions are in mm

Type

Benennung/Title

DURCHGANGSKLEMME

feed-through terminal

wieland

Index | Datum / Blatt / Date / Sheet

Änderung / Revision

01-QU-RD-32/21

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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