Data sheet

Commercial Art.No.: 5D.S10.0055.5

feed-through terminal WTN 10 RT

feed-through terminal WTN 10 RT rated voltage 1000 V, rated current 57 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 10 mm², connectable conductor cross section fine stranded without cable end sleeve 0,5mm² - 10mm², mounting method DIN rail (top hat rail), color red, width/grid dimension 10 mm, inflammability class of insulation material acc. with ul94 V0

Commercial Art.No.	5D.S10.0055.5
EAN	4049088725364
Order Unit	50

certificates / approvals

Technical data

general

nominal cross section	10 mm²
color	red
number of levels	1
number of clamp positions per level	2
width/grid dimension	10 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	57 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	71.5 mm
width	10 mm

height	63 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	16 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	10 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	10 mm²
wire strip length	12 mm
torque conductor mounting	1.2 Nm

technical data UL/CSA

cross section UL	20-6 AWG
voltage UL	600 V
current factory wiring	60 A
current field wiring	60 A
cross section CSA	20-6 AWG
voltage CSA	600 V
current CSA	60 A

classification

ETIM 9.0	EC000897

product compliance

REACH-SVHC conformity status	compliant

Accessories

| Commercial Art.No.:	Article-type description:	Description:
0D.S03.5227.5	jumper bar IVB WTN 2.5R10	jumper bar IVB WTN 2.5R10 modular spacing 8.5 mm, insulated yes, number of poles 2, color red, height 29.3 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S04.5227.5	jumper bar IVB WTN 4R10	jumper bar IVB WTN 4R10 modular spacing 9.2 mm, insulated yes, number of poles 2, color red, height 28.7 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3227.5	jumper bar IVB WTN 10-2	jumper bar IVB WTN 10-2 modular spacing 10 mm, insulated yes, number of poles 2, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3327.5	jumper bar IVB WTN 10-3	jumper bar IVB WTN 10-3 modular spacing 10 mm, insulated yes, number of poles 3, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.3427.5	jumper bar IVB WTN 10-4	jumper bar IVB WTN 10-4 modular spacing 10 mm, insulated yes, number of poles 4, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0

0D.S10.3527.5	jumper bar IVB WTN 10-5	jumper bar IVB WTN 10-5 modular spacing 10 mm, insulated yes, number of poles 5, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.4027.5	jumper bar IVB WTN 10-10	jumper bar IVB WTN 10-10 modular spacing 10 mm, insulated yes, number of poles 10, color red, height 25.2 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S10.6555.2	cover ADWTN 10 SC	cover ADWTN 10 SC length 26.8 mm, height 4.2 mm, material plastic, color white, inflammability class of insulation material acc. with ul94 V0
0D.S10.6555.8	cover ADWTN 10 SC Y	cover ADWTN 10 SC Y length 26.8 mm, height 4.2 mm, material plastic, color yellow, inflammability class of insulation material acc. with ul94 V0
0D.S06.1055.9	partition TW 002 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 0.8 mm, length 23.1 mm, color grey
0D.S10.1055.9	partition TW 009 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 58.9 mm, color grey
0D.S10.2055.0	end plate APWTN 10	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.2 mm, length 42.9 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.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.S11.3227.0	insert bridge IVB WTN 10-2 IN	insert bridge IVB WTN 10-2 IN modular spacing 10 mm, insulated yes, number of poles 2, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3327.0	insert bridge IVB WTN 10-3 IN	insert bridge IVB WTN 10-3 IN modular spacing 10 mm, insulated yes, number of poles 3, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3427.0	insert bridge IVB WTN 10-4 IN	insert bridge IVB WTN 10-4 IN modular spacing 10 mm, insulated yes, number of poles 4, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.3527.0	insert bridge IVB WTN 10-5 IN	insert bridge IVB WTN 10-5 IN modular spacing 10 mm, insulated yes, number of poles 5, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S11.4027.0	insert bridge IVB WTN 10-10 IN	insert bridge IVB WTN 10-10 IN modular spacing 10 mm, insulated yes, number of poles 10, color grey, height 26.7 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0

WTN 10

57,5
50
48,5
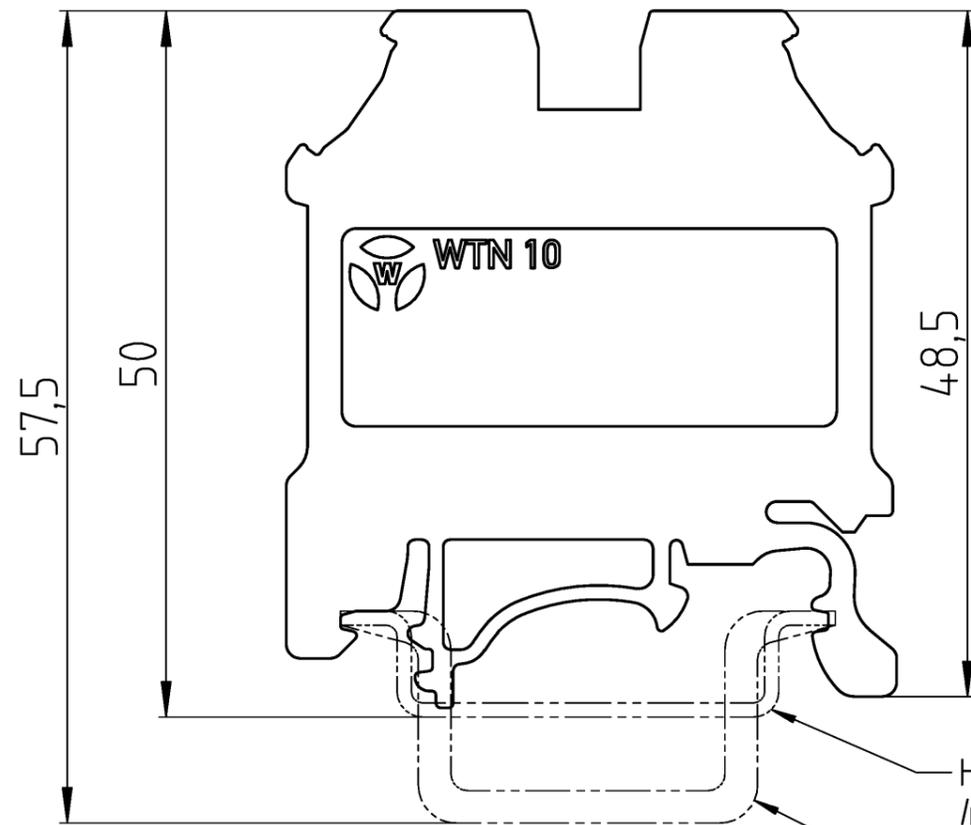
Hutschiene EN 60715-35x7,5
/mounting rail EN 60715-35x7,5

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

1:1

43,2

10
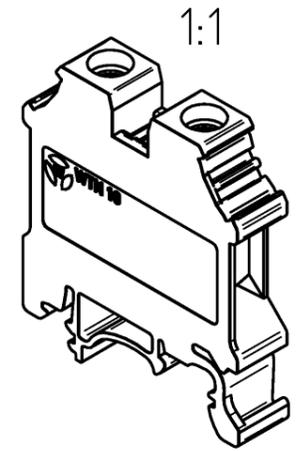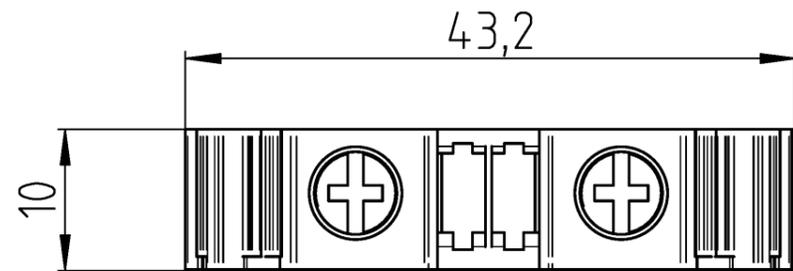
Weitere Daten siehe KATALOG oder eKatalog | www.wieland-electric.com
additional data see CATALOG or eCATALOG | eshop.wieland-electric.com

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envolope principle. According to the envolope
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

gezeichnet | 27.08.2025 | Eichhorn N.
drawn

Zeichnung Nr. / Drawing No.

Index

Maßstab / Scale
2:1

Elektronische Freigabe
Electronic Release

T | 5D.S10.0055.0 13K

Maße in mm / Dimensions are in mm

Vol. | mm³ | Ofl./Srf. | mm² | Ersatz für / Replacement for:

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S10.0055.0	WTN 10	grau / grey
5D.S10.0055.5	WTN 10 RT	rot / red
5D.S10.0055.6	WTN 10 BL	blau / blue

Index | Datum / Blatt
Date / Sheet

Änderung / Revision

Type | Benennung/Title

wieland

DURCHGANGSKLEMME
feed-through terminal

2025-11-27 10:26:12 1.000

01-QU-RD-32/21