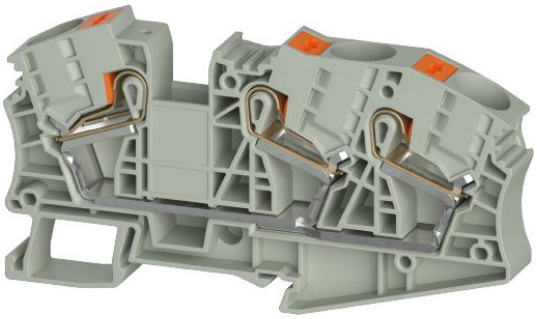
product data sheet

item no. 5D.216.5055.0

feed-through terminal WTPN 16 D1/2

feed-through terminal WTPN 16 D1/2 rated voltage 1000 V, rated current 76 A, push-In connection//true, number of levels 1, number of clamp positions per level 4, nominal cross section 16 mm², connectable conductor cross section fine stranded without cable end sleeve 0,5mm² - 16mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 12 mm, inflammability class of insulation material acc. with ul94 V0, terminal blocks for electrical installations yes



item no.	5D.216.5055.0
EAN	4049088732249
order unit	40 piece(s)

certificates / approvals

technical data

general

nominal cross section	16 mm²
color	grey
number of levels	1
number of clamp positions per level	3
width/grid dimension	12 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
terminal blocks for electrical installations	yes
connection type	push-In connection//true
number of clamp positions per level	3
mounting method	DIN rail (top hat rail)
inflammability class of insulation material acc. with UL94	V0
terminal blocks for electrical installations	yes
halogen free	yes

technical data

rated current	76 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
length	101.3 mm
width	12 mm
height	54.3 mm

connection data

connection type	push-In connection//true
connection type 1	plug-in connection
minimum cross section solid	0.5 mm²
maximum cross section solid	25 mm²
minimum cross section fine stranded	0.5 mm²
maximum cross section fine stranded	16 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm²

maximum conductor cross section (flex., stranded) with cable end sleeve	16 mm²
wire strip length	18 mm

technical data UL/CSA

cross section UL	20-4 AWG
voltage UL	600 V
current factory wiring	76 A
current field wiring	76 A
cross section CSA	20-4 AWG
voltage CSA	600 V
current CSA	76 A

accessories

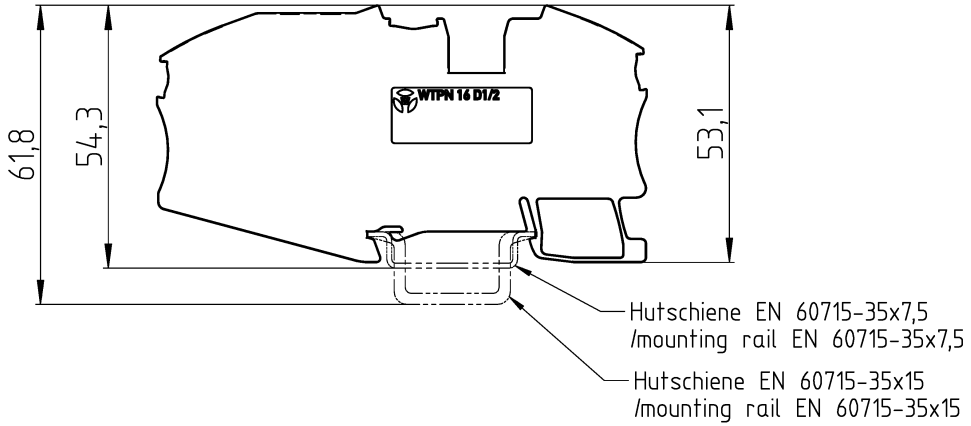
item no.	type	description
0D.204.5427.5	jumper bar IVB WTPN 4R16	jumper bar IVB WTPN 4R16 modular spacing 11.1 mm, insulated yes, number of poles 2, color red, height 37 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.206.5227.5	jumper bar IVB WTPN 6R16	jumper bar IVB WTPN 6R16 modular spacing 12.1 mm, insulated yes, number of poles 2, color red, height 37 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.216.3227.5	jumper bar IVB WTPN 16-2	jumper bar IVB WTPN 16-2 modular spacing 12 mm, insulated yes, number of poles 2, color red, height 38.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.216.5127.5	jumper bar IVB WTPN 2.5R16	jumper bar IVB WTPN 2.5R16 modular spacing 10.7 mm, insulated yes, number of poles 2, color red, height 37 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.216.2155.0	end plate APWTPN 16 D1/2	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 2.2 mm, length 101.3 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.202.7381.0	marking strips WML 7.4/60	marking strips WML 7.4/60 material plastic, color white, length 230 mm, height 11.4 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, mounting method snap-on, inflammability class of insulation material acc. with ul94 V0
0D.210.7156.0	marking plate WMP 10-5.8	marking plate WMP 10-5.8 modular spacing 10 mm, material plastic, color white, length 128 mm, height 76 mm, mounting method snap-on, inflammability class of insulation material acc. with ul94 V0
0D.S04.1155.9	partition TW 005 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 1 mm, length 46 mm, color grey
0D.S04.1255.9	partition TW 008 WTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 52 mm, color grey
0D.S04.2055.0	end plate APWTN 2.5/4	end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.2 mm, length 39.2 mm, color grey

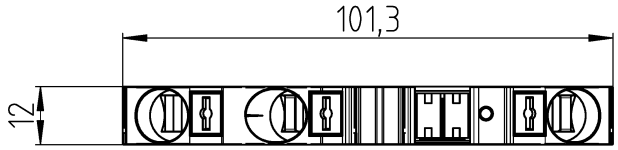
technical drawing

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

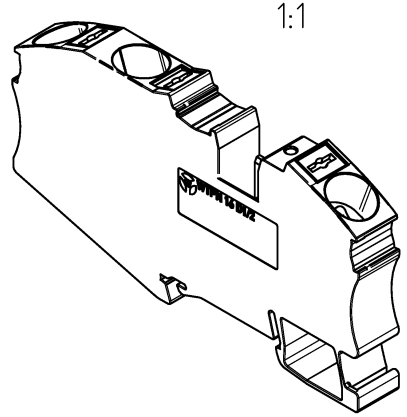
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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





1:1



Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.216.5055.0	WTPN 16 D1/2	grau / grey
5D.216.5055.6	WTPN 16 D1/2 BL	blau / blue

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

Maßstab / Scale: 1:1

	Tag/Date	Name
gezeichnet / drawn	23.09.2025	Hollet

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.216.5055.0 13K

Index

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Type

Benennung/Title

DURCHGANGSKLEMME

feed-through terminal

wieland

Index / Datum / Blatt
Date / Sheet

Änderung / Revision

2025-11-27 09:45:24 1.000

01-QU-RD-32/21