product data sheet

item no. 5D.S16.9155.0

earth terminal WTN 16-1 PE

earth terminal WTN 16-1 PE rated voltage 1000 V, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 16 mm², connectable conductor cross section fine stranded without cable end sleeve 2,5mm² - 16mm², mounting method DIN rail (top hat rail), color green/yellow, width/grid dimension 12 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S16.9155.0
EAN	4049088732386
order unit	20 piece(s)

certificates / approvals

LR

technical data

general

nominal cross section	16 mm²
color	green/yellow
number of levels	1
number of clamp positions per level	2
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	screw connection
number of clamp positions per level	2
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 voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	no
type of insulation material	thermoplastic
length	56 mm
width	12 mm
height	62.4 mm

connection data

connection type	screw connection
connection type 1	screw connection
minimum cross section solid	2.5 mm²
maximum cross section solid	25 mm²
minimum cross section fine stranded	2.5 mm²
maximum cross section fine stranded	16 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	2.5 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	16 mm²
wire strip length	14 mm
torque conductor mounting	3.4 Nm
torque rail mounting	0,8 Nm

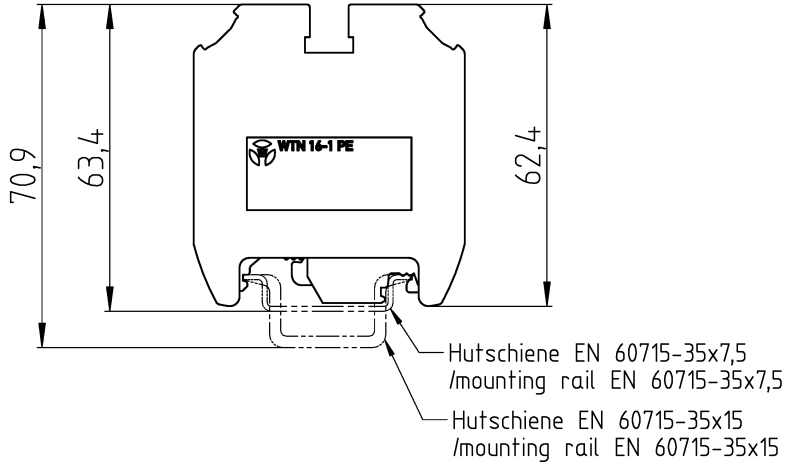
technical data UL/CSA

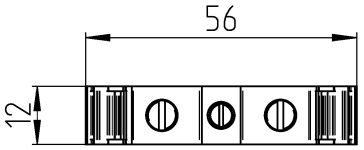
cross section UL	14-6 AWG
voltage UL	600 V
cross section CSA	14-6 AWG
voltage CSA	600 V

accessories

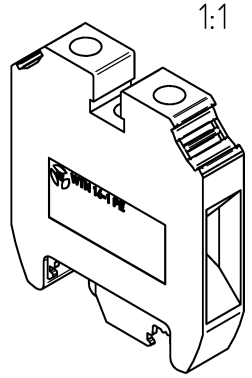
item no.	type	description
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 material plastic, color white, length 60 m, height 15.1 mm, inflammability class of insulation material acc. with ul94 V0
0D.210.7056.0	marking plate WMP 10-10	marking plate WMP 10-10 modular spacing 10 mm, material plastic, color white, length 128 mm, height 76 mm, mounting method snap-on, inflammability class of insulation material acc. with ul94 V0

technical drawing





1:1



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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

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

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

	Tag/Date	Name
gezeichnet / drawn	23.09.2025	Hollet

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: 5D.S16.9155.0 13K

Index

Maße in mm / Dimensions are in mm

Type

Benennung/Title: SCHUTZLEITERKLEMME
earth terminal

wieland

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S16.9155.0	WTN 16-1 PE	grün-gelb /green-yellow

Index | Datum / Blatt Date / Sheet
Änderung / Revision

2025-11-27 10:37:08 1.000

01-QU-RD-32/21