product data sheet

item no. 5D.S99.0055.0

feed-through terminal WTN 240

feed-through terminal WTN 240 rated voltage 1000 V, rated current 415 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 240 mm², connectable conductor cross section fine stranded without cable end sleeve 95mm² - 240mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 43 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S99.0055.0
EAN	4049088725838
order unit	4 piece(s)

certificates / approvals

technical data

general

nominal cross section	240 mm²
color	grey
number of levels	1
number of clamp positions per level	2
width/grid dimension	43 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
halogen free	yes

technical data

rated current	415 A
rated voltage	1000 V
rated impulse voltage	8 kV
closing plate required	no
length	93 mm
width	43 mm
height	126 mm

connection data

connection type	screw connection
connection type 1	screw connection

minimum cross section solid	95 mm²
maximum cross section solid	240 mm²
minimum cross section fine stranded	95 mm²
maximum cross section fine stranded	240 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	95 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	185 mm²
wire strip length	35 mm
torque conductor mounting	19 Nm

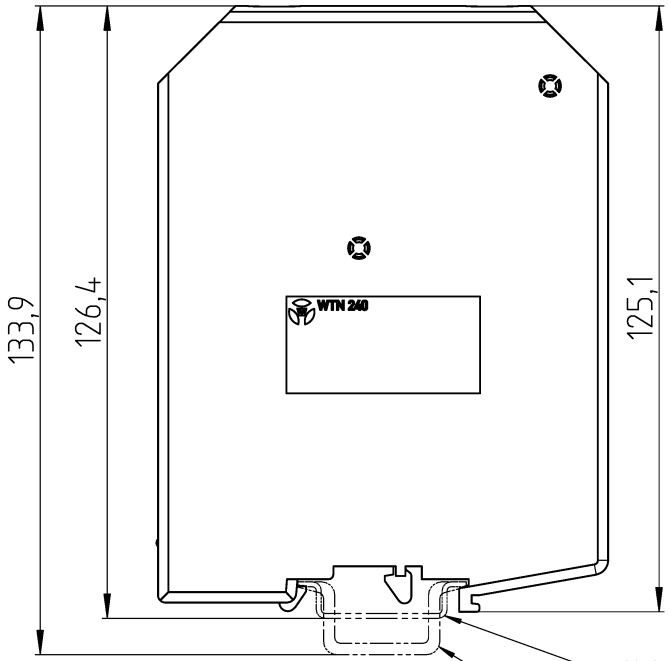
technical data UL/CSA

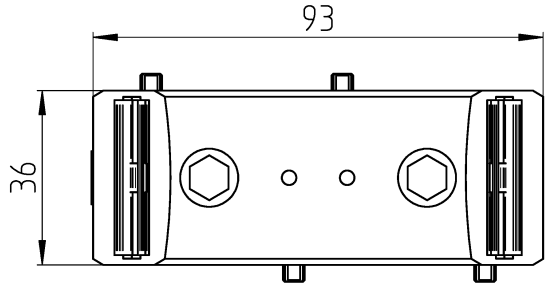
cross section UL	300-500 kcmil
voltage UL	600 V
current factory wiring	370 A
current field wiring	370 A
cross section CSA	300-500 kcmil
voltage CSA	600 V
current CSA	370 A

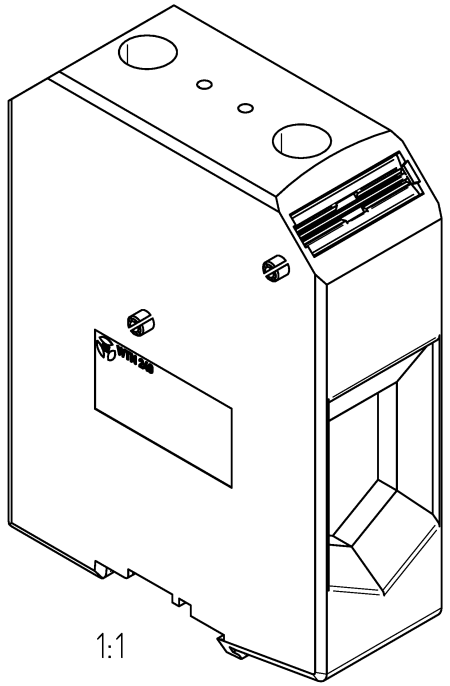
accessories

item no.	type	description
0D.S42.3227.0	insert bridge IVB WTN 240-2 IN	insert bridge IVB WTN 240-2 IN modular spacing 36 mm, insulated yes, number of poles 2, color grey, height 44.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S42.3327.0	insert bridge IVB WTN 240-3 IN	insert bridge IVB WTN 240-3 IN modular spacing 36 mm, insulated yes, number of poles 3, color grey, height 44.4 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







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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

	Tag/Date	Name
gezeichnet / drawn	27.10.2025	Burger

Maßstab / Scale: 1:1

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.S99.0055.0 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

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S99.0055.0	WTN 240	grau/grey
5D.S99.0055.5	WTN 240 RT	rot/red
5D.S99.0055.6	WTN 240 BL	blau/blue

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