

Data sheet

Commercial Art.No.: 5D.S99.0055.5

feed-through terminal WTN 240 RT

feed-through terminal WTN 240 RT 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 red, width/grid dimension 43 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S99.0055.5
EAN	4049088725845
Order Unit	4

certificates / approvals



LR

Technical data

general

nominal cross section	240 mm ²
color	red
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

technical data

rated current	415 A
rated voltage	1000 V
rated impulse voltage	8 kV
closing plate required	no
length	76.5 mm
width	43 mm
height	54.3 mm

connection data

connection type	screw connection
connection type 1	screw connection
minimum cross section solid	95 mm ²
maximum cross section solid	240 mm ²
minimum cross section fine stranded	95 mm ²
maximum cross section fine stranded	240 mm ²
minimum conductor cross section (flex., stranded) with cable end sleeve	95 mm ²
maximum conductor cross section (flex., stranded) with cable end sleeve	185 mm ²
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

classification

ETIM 9.0	EC000897
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product compliance

REACH-SVHC conformity status	compliant
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Accessories

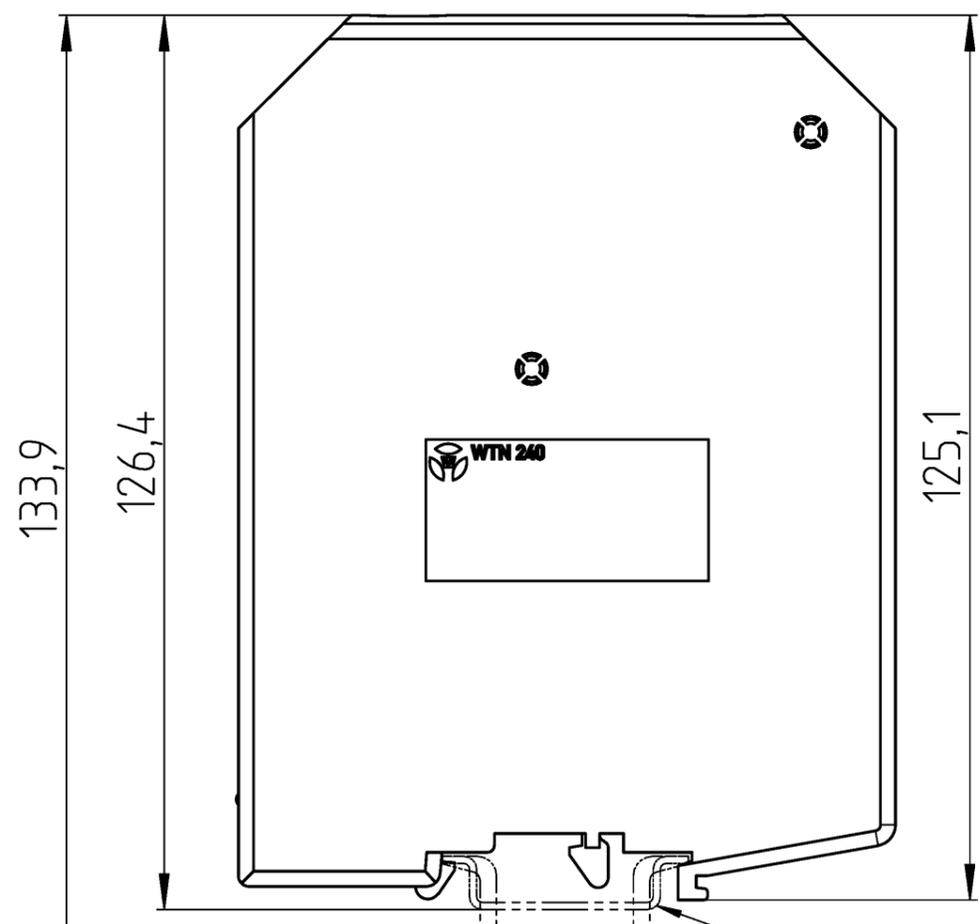
Commercial Art.No.:	Article-type description:	Description:
OD.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 material plastic, color white, length 230 mm, height 15.1 mm, inflammability class of insulation material acc. with ul94 V0
OD.210.7056.0	marking plate WMP 10-10	marking plate 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
OD.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
OD.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

A
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 Vertraulichkeitsklasse
 Confidentiality Class: Vertraulich
 Confidential

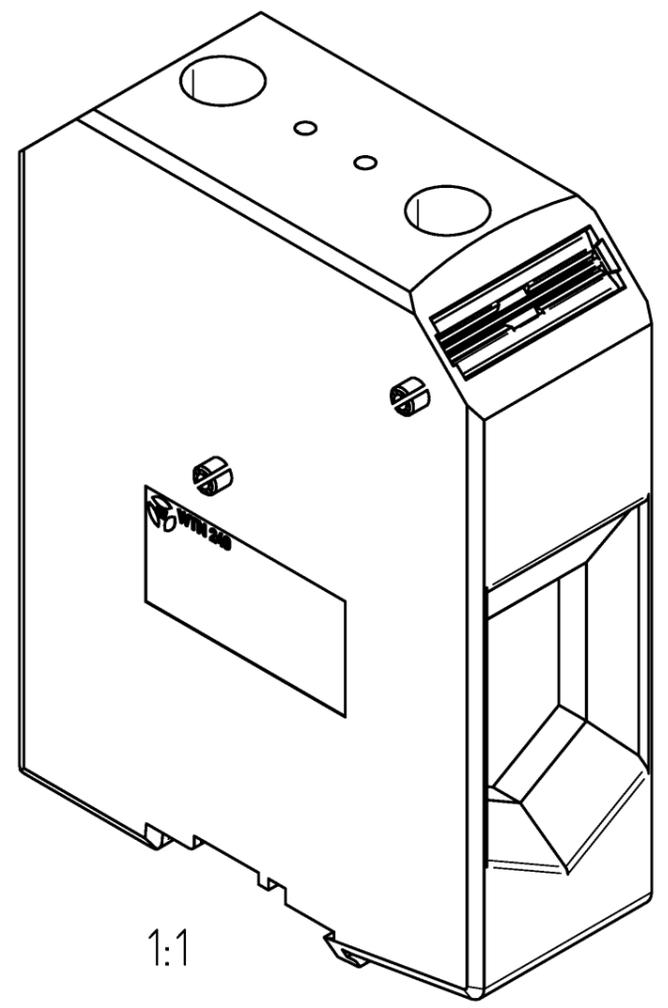
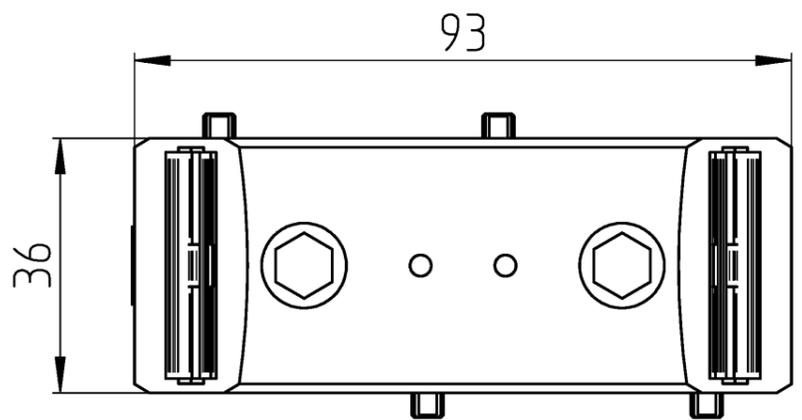
B
 These dimensions will be especially checked at delivery
 Only inspection dimensions
 With /E marked dimensions are only valid for internal use

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

F



Hutschiene EN 60715-35x7,5
 /mounting rail EN 60715-35x7,5
 Hutschiene EN 60715-35x15
 /mounting rail EN 60715-35x15



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 <input checked="" type="checkbox"/> 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
Maßstab / Scale		gezeichnet drawn	27.10.2025 Burger
1:1		Elektronische Freigabe Electronic Release	
Vol. mm ³ / fl./Srf. mm ²		Ersatz für / Replacement for:	
Index		Datum / Blatt Date / Sheet	
Änderung / Revision		Benennung/Title	
		DURCHGANGSKLEMME feed-through terminal	

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