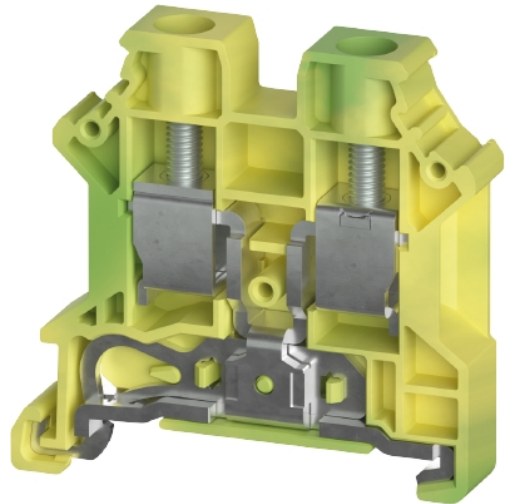


Data sheet

Commercial Art.No.: 5D.S06.9055.0

earth terminal WTN 6 PE

earth terminal WTN 6 PE rated voltage 1000 V, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 6 mm², connectable conductor cross section fine stranded without cable end sleeve 0,2mm² - 6mm², mounting method DIN rail (top hat rail), color green/yellow, width/grid dimension 8 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S06.9055.0
EAN	4049088725340
Order Unit	50

certificates / approvals



Technical data

general

nominal cross section	6 mm ²
color	green/yellow
number of levels	1
number of clamp positions per level	2
width/grid dimension	8 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)

technical data

rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	47.1 mm
width	8 mm

connection data

connection type	screw connection
connection type 1	screw connection
minimum cross section solid	0.2 mm ²

maximum cross section solid	10 mm ²
minimum cross section fine stranded	0.2 mm ²
maximum cross section fine stranded	6 mm ²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm ²
maximum conductor cross section (flex., stranded) with cable end sleeve	6 mm ²
wire strip length	12 mm
torque conductor mounting	1.2 Nm

technical data UL/CSA

cross section UL	20-8 AWG
voltage UL	600 V
cross section CSA	20-8 AWG
voltage CSA	600 V

classification

ETIM 9.0	EC000901
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product compliance

REACH-SVHC conformity status	compliant
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Accessories

Commercial Art.No.:	Article-type description:	Description:
0D.S06.2055.7	end plate APWTN 6 GN	
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 color white
0D.206.7056.0	marking plate WMP 8-10	marking plate WMP 8-10 modular spacing 8 mm, color white

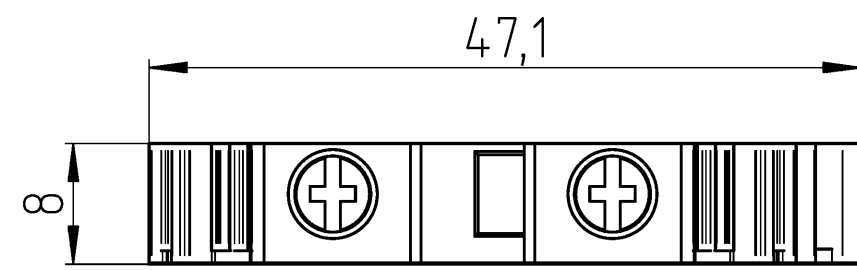


Diagram of a 1:1 transformer. The primary winding is connected to a 600V source. The secondary winding is connected to a 600V load. The transformer is labeled "1:1".

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S06.9055.0	WTN 6 PE	grün-gelb/ green-yellow

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: of 1			
	/		Werkstoff / Material			Tag/Date	Name		Zeichnung Nr. / Drawing No. 5D.S06.9055.0 13K	Index
	/				gezeichnet drawn	12.09.2025	Eichhorn N.			
	/				Elektronische Freigabe Electronic Release		Maße in mm / Dimensions are in mm			
	/									
	/	Vol.	mm ³	Of./Srf.	mm ²	Ersatz für / Replacement for:				
	/	 wieland				Type	Benennung/Title			
	/					SCHUTZLEITERKLEMME earth terminal				
Index	Datum / Blatt Date / Sheet									
Änderung / Revision										