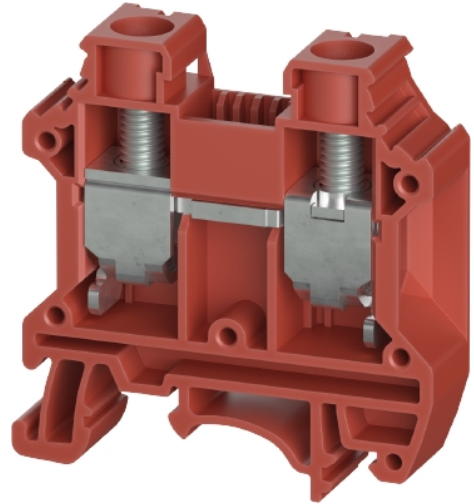


Data sheet

Commercial Art.No.: 5D.S16.0055.5

feed-through terminal WTN 16 RT

feed-through terminal WTN 16 RT rated voltage 1000 V, rated current 76 A, 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 1,5mm² - 16mm², mounting method DIN rail (top hat rail), color red, width/grid dimension 12 mm, inflammability class of insulation material acc. with ul94 V0



Commercial Art.No.	5D.S16.0055.5
EAN	4049088725449
Order Unit	50

certificates / approvals



Technical data

general

nominal cross section	16 mm ²
color	red
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)

technical data

rated current	76 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	49.6 mm
width	12 mm

connection data

connection type	screw connection
connection type 1	screw connection

connection type 2	screw connection
minimum cross section solid	1.5 mm ²
maximum cross section solid	25 mm ²
minimum cross section fine stranded	1.5 mm ²
maximum cross section fine stranded	16 mm ²
minumum conductor cross section (flex., stranded) with cable end sleeve	1.5 mm ²
maximum conductor cross section (flex., stranded) with cable end sleeve	16 mm ²
wire strip length	14 mm
torque conductor mounting	2 Nm

technical data UL/CSA

cross section UL	14-3 AWG
voltage UL	600 V
current factory wiring	100 A
current field wiring	100 A
cross section CSA	14-3 AWG
voltage CSA	600 V
current CSA	100 A

classification

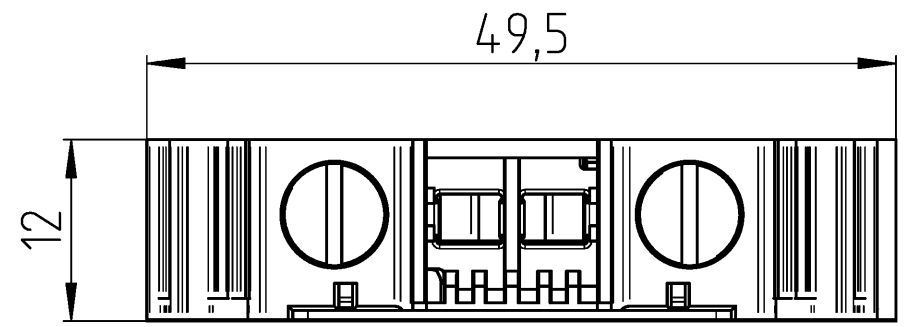
ETIM 9.0	EC000897
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product compliance

REACH-SVHC conformity status	compliant
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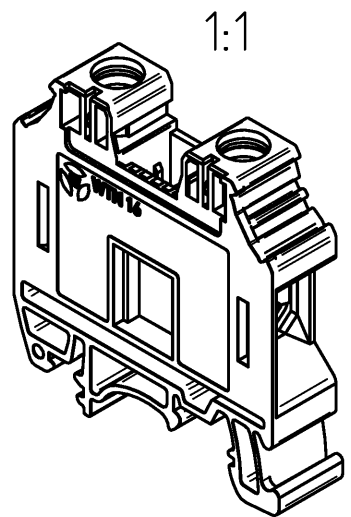
Accessories

Commercial Art.No.:	Article-type description:	Description:
0D.S03.5327.5	jumper bar IVB WTN 2.5R16	jumper bar IVB WTN 2.5R16 modular spacing 9.1 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S04.5327.5	jumper bar IVB WTN 4R16	jumper bar IVB WTN 4R16 modular spacing 9.8 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S06.5227.5	jumper bar IVB WTN 6R16	jumper bar IVB WTN 6R16 modular spacing 11.2 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S16.3227.5	jumper bar IVB WTN 16-2	jumper bar IVB WTN 16-2 modular spacing 12 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0
0D.S16.6555.2	cover ADWTN 16 SC	cover ADWTN 16 SC color white
0D.S16.6555.8	cover ADWTN 16 SC Y	cover ADWTN 16 SC Y color yellow
0D.S10.1055.9	partition TW 009 WTN	
0D.S16.1055.9	partition TW 004 WTN	
0D.S16.2055.0	end plate APWTN 16	
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 color white
0D.210.7056.0	marking plate WMP 10-10	marking plate WMP 10-10 modular spacing 10 mm, color white





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

-Hutschiene EN 60715-35x15
/mounting rail EN 60715-35x15



Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S16.0055.0	WTN 16	grau / grey
5D.S16.0055.5	WTN 16 RT	rot / red
5D.S16.0055.6	WTN 16 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: of 1								
		/		Werkstoff / Material						Tag/Date	Name						Zeichnung Nr. / Drawing No.					Index	
		/							gezeichnet drawn	27.08.2025		Eichhorn N.					T	5D.S16.0055.0 13K					
		/	Maßstab / Scale						Elektronische Freigabe Electronic Release														
		/	2:1											Maße in mm / Dimensions are in mm									
		/	Vol.	mm ³	Ofl./Srf.	mm ²	Ersatz für / Replacement for:																
		/	 wieland					Type	Benennung/Title														
		/						DURCHGANGSKLEMME															
Index	Datum / Blatt Date / Sheet							feed-through terminal															
Änderung / Revision																							