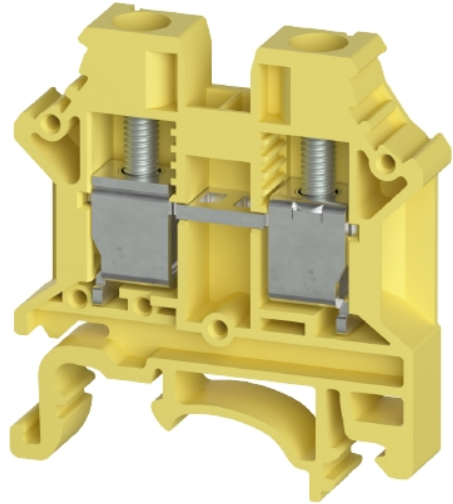


Data sheet

Commercial Art.No.: 5D.S06.0055.8

feed-through terminal WTN 6



Commercial Art.No.	5D.S06.0055.8
EAN	4049088740985
Order Unit	100

Technical data

general

nominal cross section	6 mm ²
color	yellow
number of levels	1
number of clamp positions per level	2
width/grid dimension	8 mm
insulating housing	PA
flammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
terminal blocks for electrical installations	yes
Anschlussart	screw connection
Anzahl der Klemmstellen je Etage	2
Montageart	DIN rail (top hat rail)
Brennbarkeitsklasse des Isolierstoffs	V0
Reihenklappen für Installationsverteiler	yes
halogen free	yes

technical data

rated current	41 A
rated voltage	1000 V
rated impulse voltage	8 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	43.3 mm
width	8 mm

height	46.9 mm
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connection data

connection type	screw connection
connection type 1	screw connection
connection type 2	screw connection
minimum cross section solid	0.5 mm ²
maximum cross section solid	10 mm ²
minimum cross section fine stranded	0.2 mm ²
maximum cross section fine stranded	10 mm ²
minimum 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	13 mm
torque conductor mounting	1.2 Nm

technical data UL/CSA

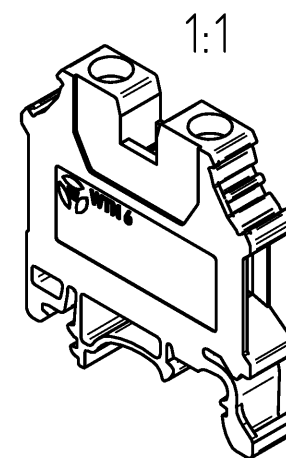
cross section UL	20-8 AWG
voltage UL	600 V
current factory wiring	50 A
current field wiring	50 A
cross section CSA	20-8 AWG
voltage CSA	600 V
current CSA	50 A

classification

ETIM 9.0	EC000897
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product compliance

REACH-SVHC conformity status	compliant
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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	28.08.2025	Eichhorn N.					
	/				Maßstab / Scale	Elektronische Freigabe Electronic Release			T 5D.S06.0055.0 13K		a	
	/				2:1							
Maße in mm / Dimensions are in mm												
	/	Vol.	mm³	Ofl./Srf.	mm²	Ersatz für / Replacement for:						
	/	 wieland			Type	Benennung/Title DURCHGANGSKLEMME feed-through terminal						
a	05.03.2026 /											
Index	Datum / Blatt Date / Sheet											
Änderung / Revision												