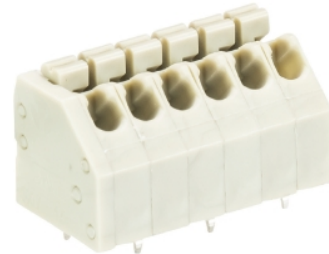


## Data sheet

Commercial Art.No.: 27.010.3553.0

Printed circuit board terminal 8562 N / 5 OB HW

PCB terminal, 5 poles, with solder pin (3.5mm), pitch: 3.5 mm, type of packing: carton, color: grey



Commercial Art.No.	27.010.3553.0
EAN	4015573864566
Order Unit	100

Certificates / Approvals



## Technical data

### General

Modular spacing	3.5 mm
Connection type	spring clamp connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	5
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	No
Insulation plate	yes
Retaining pins	No
Marking	No

### Technical data

Nominal cross section	1.5 mm <sup>2</sup>
Rated current	2 A
Overvoltage Category I	1000 V
Overvoltage Category II	690 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	8 mm

### Connection Data

Minimum cross section solid	0.5 mm <sup>2</sup>
Maximum cross section solid	1.5 mm <sup>2</sup>
Minimum cross section fine stranded	0.5 mm <sup>2</sup>
Maximum cross section fine stranded	1.5 mm <sup>2</sup>

Wire strip length	8 mm
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**Technical Data UL/CSA**

Cross section UL	16-20 AWG
Voltage UL	300 V
Current field wiring	2 A
Current factory wiring	2 A
Cross section CSA	14-20 AWG
Voltage CSA	300 V
Current CSA	2 A

**Other**

Type of insulation material	Thermoplastic
Color	Grey
Height	12.8 mm
Length	17.5 mm
Depth	12 mm
Material attachment screw	None
Material contact base	CuSn
Material contact surface	Sn

**Classification**

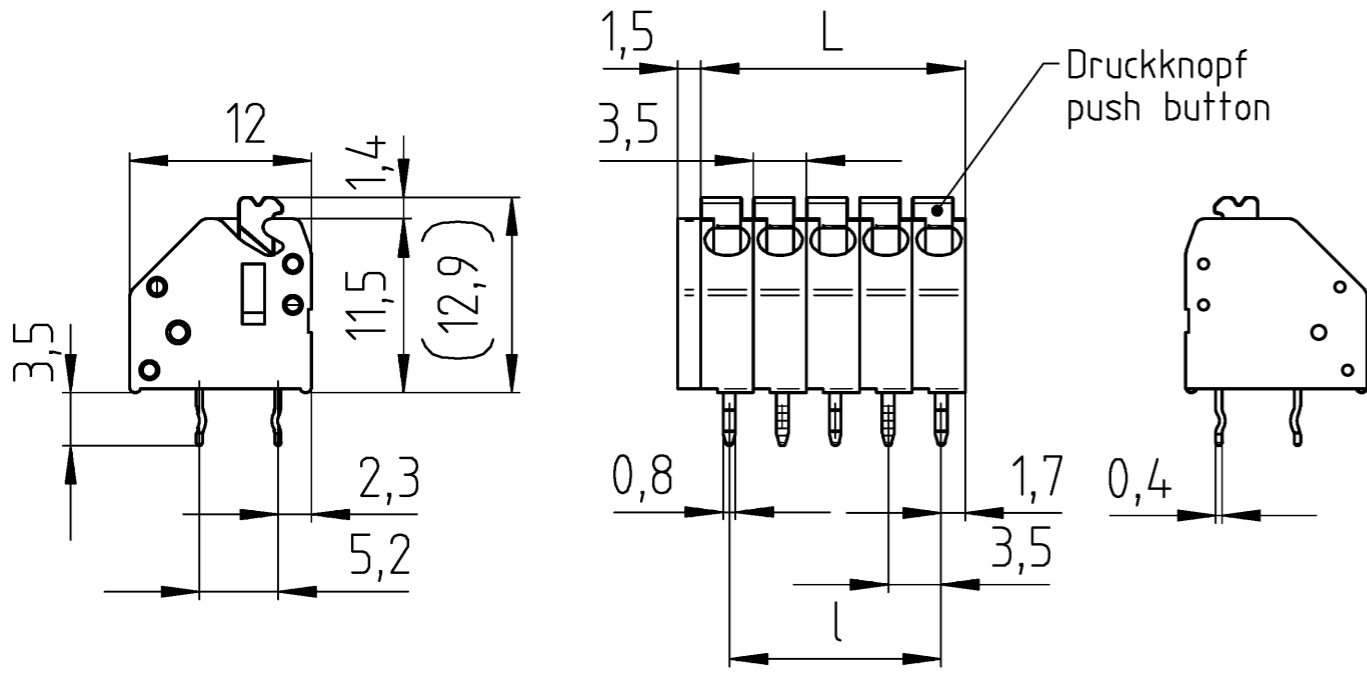
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

**Product compliance**

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

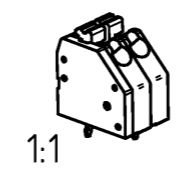
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Gezeichnete Ausführung: 27.010.3553.0  
drawn version:



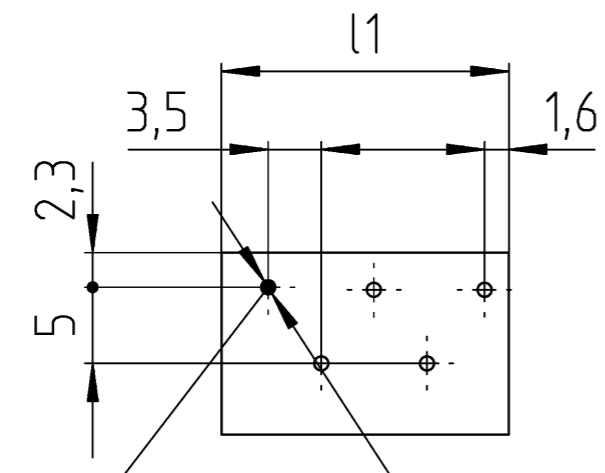
Technische Daten technical data			
Bemessungsspannung V rated voltage	VDE 250	UL 300	CSA 300
Bemessungsstrom A rated current	2	2	2
Anschlussbereich max. mm <sup>2</sup> /AWG connection range	1,5	16	16
Verschmutzungsgrad 3 / Überspannungskategorie III pollution degree 3 / overvoltage category III			
Brennbarkeitsklasse UL 94 - V0 flamability rating			
Material : PA666 kieselgrau, ähnlich RAL 7032 material : PA666 pebble grey similar to RAL 7032			

Teilenummer part number	Typ type	Polzahl poles	l	L	l1
27.010.3253.0	8562N/ 2 OB HW	2	3,5	7	8,5
27.010.3353.0	8562N/ 3 OB HW	3	7	10,5	12
27.010.3453.0	8562N/ 4 OB HW	4	10,5	14	15,5
27.010.3553.0	8562N/ 5 OB HW	5	14	17,5	19
27.010.3653.0	8562N/ 6 OB HW	6	17,5	21	22,5
27.010.3753.0	8562N/ 7 OB HW	7	21	24,5	26
27.010.3853.0	8562N/ 8 OB HW	8	24,5	28	29,5
27.010.3953.0	8562N/ 9 OB HW	9	28	31,5	33
27.010.4053.0	8562N/10 OB HW	10	31,5	35	36,5
27.010.4153.0	8562N/11 OB HW	11	35	38,5	40
27.010.4253.0	8562N/12 OB HW	12	38,5	42	43,5
27.010.4353.0	8562N/13 OB HW	13	42	45,5	47
27.010.4453.0	8562N/14 OB HW	14	45,5	49	50,5
27.010.4553.0	8562N/15 OB HW	15	49	52,5	54
27.010.4653.0	8562N/16 OB HW	16	52,5	56	57,5
27.010.4753.0	8562N/17 OB HW	17	56	59,5	61
27.010.4853.0	8562N/18 OB HW	18	59,5	63	64,5
27.010.4953.0	8562N/19 OB HW	19	63	66,5	68
27.010.5053.0	8562N/20 OB HW	20	66,5	70	71,5
27.010.5153.0	8562N/21 OB HW	21	70	73,5	75
27.010.5253.0	8562N/22 OB HW	22	73,5	77	78,5
27.010.5353.0	8562N/23 OB HW	23	77	80,5	82
27.010.5453.0	8562N/24 OB HW	24	80,5	84	85,5



Weitere Daten siehe KATALOG oder eKatalog  
additional data see CATALOG or eCATALOG [www.wieland-electric.com](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://eshop.wieland-electric.com)

Lochbild  
PCB layout



erster Pin immer hinten  
(gültig für alle Polzahlen)  
first pin always in back side  
(valid for all poles)

Tolerierung Size ISO 14405 © / Tolerance system Size ISO 14405 ©. ja/yes  Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.  
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). 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	Zeichnung Nr. / Drawing No.	Index
gezeichnet / drawn	30.06.2021	Schmitt J.		
Maßstab / Scale	2:1		T 27.010.3253.0 13K	-
Elektronische Freigabe / Electronic Release				
Vol.	mm <sup>3</sup> Dfl./Srf.	mm <sup>2</sup>	Ersatz für / Replacement for:	
wieland		Type	Benennung/Title	
Index Datum / Blatt Date / Sheet		8562N/ OB HW	LP.KLEMME	
Änderung / Revision		PCB-Terminal pitch 3,5mm ; screwless 45°-wire entry Rastmaß 3,5mm schraublos 45° Kabeleingang		