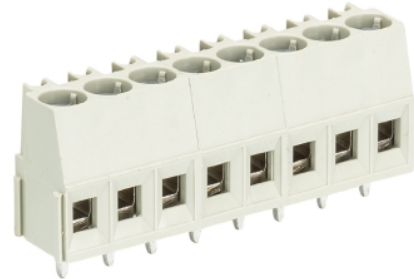


## Data sheet

Commercial Art.No.: 25.161.1153.0

Printed circuit board terminal 8191 / 11 OB

PCB terminal with screw connection with rising cage clamp system, 11 poles, with solder pin (3.5mm), max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.161.1153.0
EAN	4015573175679
Order Unit	50

Certificates / Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	Screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	11
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	Yes
Insulation plate	No
Retaining pins	No
Marking	No

### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
Rated current	16 A
Overvoltage Category I	1000 V
Overvoltage Category II	690 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6.5 mm

### Connection Data

Minimum cross section solid	0.14 mm <sup>2</sup>
Maximum cross section solid	4 mm <sup>2</sup>
Minimum cross section fine stranded	0.14 mm <sup>2</sup>
Maximum cross section fine stranded	2.5 mm <sup>2</sup>
Wire strip length	6.5 mm

**Technical Data UL/CSA**

Cross section UL	22-12 AWG
Voltage UL	300 V
Current field wiring	20 A
Current factory wiring	30 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	25 A

**Other**

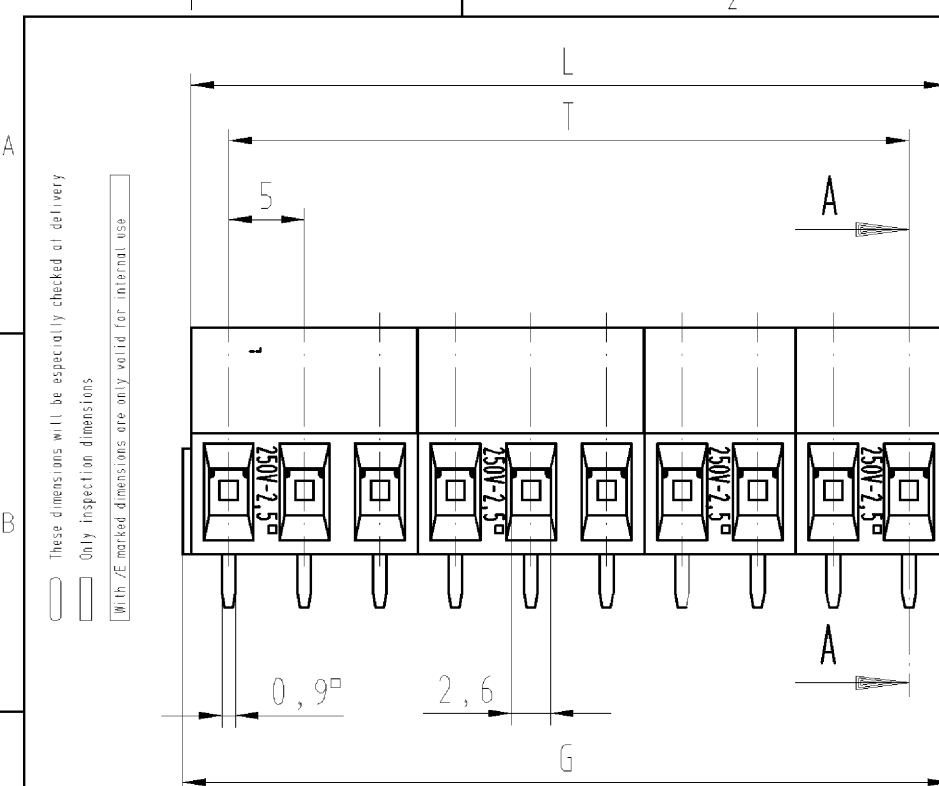
Type of insulation material	Thermoplastic
Color	Grey
Height	9.5 mm
Length	55.85 mm
Depth	16 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

**Classification**

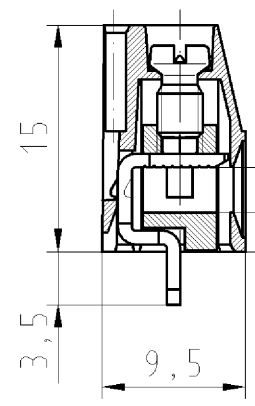
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

**Product compliance**

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1



Schnitt A-A  
section A-A



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

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

**Gezeichnete Ausführung**  
10-polig  
drawn version  
10 poles

Weitere Daten siehe Katalog  
further data see catalog

25.161.2453.F	8191/24 OB	24	115	120	120,85
25.161.2353.F	8191/23 OB	23	110	115	115,85
25.161.2253.F	8191/22 OB	22	105	110	110,85
25.161.2153.F	8191/21 OB	21	100	105	105,85
25.161.2053.F	8191/20 OB	20	95	100	100,85
25.161.1953.F	8191/19 OB	19	90	95	95,85
25.161.1853.F	8191/18 OB	18	85	90	90,85
25.161.1753.F	8191/17 OB	17	80	85	85,85
25.161.1653.F	8191/16 OB	16	75	80	80,85
25.161.1553.F	8191/15 OB	15	70	75	75,85
25.161.1453.F	8191/14 OB	14	65	70	70,85
25.161.1353.F	8191/13 OB	13	60	65	65,85
25.161.1253.F	8191/12 OB	12	55	60	60,85
25.161.1153.F	8191/11 OB	11	50	55	55,85
25.161.1053.F	8191/10 OB	10	45	50	50,85
25.161.0953.F	8191/ 9 OB	9	40	45	45,85
25.161.0853.F	8191/ 8 OB	8	35	40	40,85
25.161.0753.F	8191/ 7 OB	7	30	35	35,85
25.161.0653.F	8191/ 6 OB	6	25	30	30,85
25.161.0553.F	8191/ 5 OB	5	20	25	25,85
25.161.0453.F	8191/ 4 OB	4	15	20	20,85
25.161.0353.F	8191/ 3 OB	3	10	15	15,85
25.161.0253.F	8191/ 2 OB	2	5	10	10,85
Teile-Nr. part-no	Typ type	Polzahl pole	T	L	G

.F	Farbe colour
.0	grau /grey
.1	schwarz/black
.5	rot/red
.7	grün/green
.9	orange

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. ja/yes  Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. (This DIN-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 UU-TQM-05/03 (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	2005	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet drawn	17.10.	Schmitt J.	T 25.161.0253.0 01K	
	geprüft checked	-	-		
	Normgepr. Stand. check	-	-		
Maßstab/Scale	Maße in mm/Dimensions are in mm				
Vol. mm³	Offl./Surf. mm²	Ersatz für/Replacement for: -			

**wieland** Elektrische Verbindungen

Type Typ 8191/.. OB

Benennung/Titel LP\_GEHAEUSESTIFTLISTE

Rastermaß 5 / pitch 5 PCB header

Index Datum / Blatt Date / Sheet Änderung/Revision

251610253001K\_2 CADW10096 Bdr10005910-17117493463-14000000