

Data sheet

Commercial Art.No.: 25.163.0253.0

Printed circuit board terminal 8291 / 2 OB

PCB terminal with screw connection with rising cage clamp system, 2 poles, with solder pin (3.5mm), max. cross section: 2.5 mm², pitch: 5.08 mm, type of packing: carton, color: grey



Commercial Art.No.	25.163.0253.0
EAN	4015573176669
Order Unit	100

Certificates / Approvals



Technical data

General

Modular spacing	5.08 mm
Connection type	Screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	2
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 ²
Rated current	16 A
Overtoltage Category I	1000 V
Overtoltage Category II	690 V
Overtoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6.5 mm

Connection Data

Minimum cross section solid	0.14 mm ²
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Maximum cross section solid	4 mm ²
Minimum cross section fine stranded	0.14 mm ²
Maximum cross section fine stranded	2.5 mm ²
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

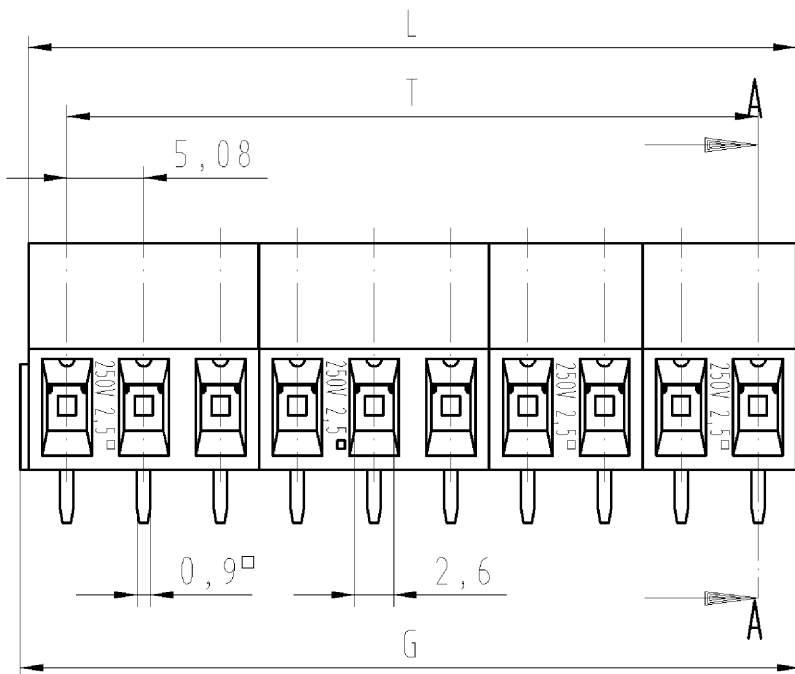
Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	11.01 mm
Depth	9.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn
Tightening torque note	If soldered additional mechanical fixing necessary

Classification

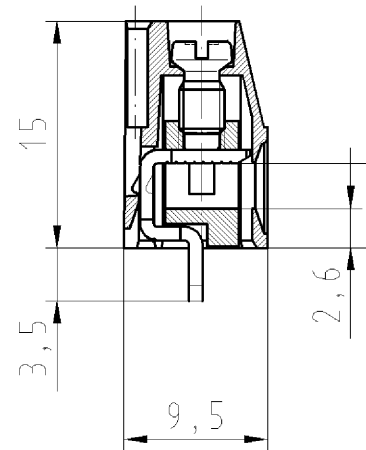
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

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 /E marked dimensions are only valid for internal use

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

Gezeichnete Ausführung
10-polig
drawn version
10 poles

Weitere Daten siehe Katalog
further data see catalog

25.163.2453.F	8291/24 OB	24	116,84	121,92	122,77		
25.163.2353.F	8291/23 OB	23	111,76	116,84	117,69		
25.163.2253.F	8291/22 OB	22	106,68	111,76	112,61		
25.163.2153.F	8291/21 OB	21	101,60	106,68	107,53		
25.163.2053.F	8291/20 OB	20	96,52	101,60	102,45		
25.163.1953.F	8291/19 OB	19	91,44	96,52	97,37		
25.163.1853.F	8291/18 OB	18	86,36	91,44	92,29		
25.163.1753.F	8291/17 OB	17	81,28	86,36	87,21		
25.163.1653.F	8291/16 OB	16	76,20	81,28	82,13		
25.163.1553.F	8291/15 OB	15	71,12	76,20	77,05		
25.163.1453.F	8291/14 OB	14	66,04	71,12	71,97		
25.163.1353.F	8291/13 OB	13	60,96	66,04	66,89		
25.163.1253.F	8291/12 OB	12	55,88	60,96	61,81		
25.163.1153.F	8291/11 OB	11	50,80	55,88	56,73		
25.163.1053.F	8291/10 OB	10	45,72	50,80	51,65		
25.163.0953.F	8291/ 9 OB	9	40,64	45,72	46,57		
25.163.0853.F	8291/ 8 OB	8	35,56	40,64	41,49		
25.163.0753.F	8291/ 7 OB	7	30,48	35,56	36,41		
25.163.0653.F	8291/ 6 OB	6	25,40	30,48	31,33		
25.163.0553.F	8291/ 5 OB	5	20,32	25,40	26,25		
25.163.0453.F	8291/ 4 OB	4	15,24	20,32	21,17		
25.163.0353.F	8291/ 3 OB	3	10,16	15,24	16,09		
25.163.0253.F	8291/ 2 OB	2	5,08	10,16	11,01		
.F	Farbe/ colour	Teile - Nr. part - no.	Typ type	Polz. pole	T	L	G
.0	grau/grey						
.1	schwarz/black						
.7	grün/green						
.9	orange						

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-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 UU-TQM-05/03 ist einzuhalten. 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: 1 of 1

Werkstoff/Material	2007 Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet drawn 05.06.	Treschan	T 25.163.0253.0 01K	
Maßstab/Scale	geprüft checked	-	Maße in mm/Dimensions are in mm	
2:1	Normgepr. Stand, check	-		
Vol. mm³	Ofl./Surf. mm²	Ersatz für/Replacement for: -		
		Type	Benennung/Titile	
			LP_KLEMME	
			PCB terminal	
			Rastermaß 5,08 / pitch 5,08	
Änderung/Revision	Datum / Blatt Date / Sheet	Elektrische Verbindungen		

251630253001K_4_CADW1044_treschan 2007-06-05T12:53:22 1.000

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M3
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12.1
1.1