

Data sheet

Commercial Art.No.: 25.163.0453.0

Printed circuit board terminal 8291 / 4 OB

PCB terminal with screw connection with rising cage clamp system, 4 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.	25.163.0453.0
EAN	4015573176690
Order Unit	50

Certificates / Approvals



Technical data

General

Modular spacing	5.08 mm
Connection type	screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	4
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

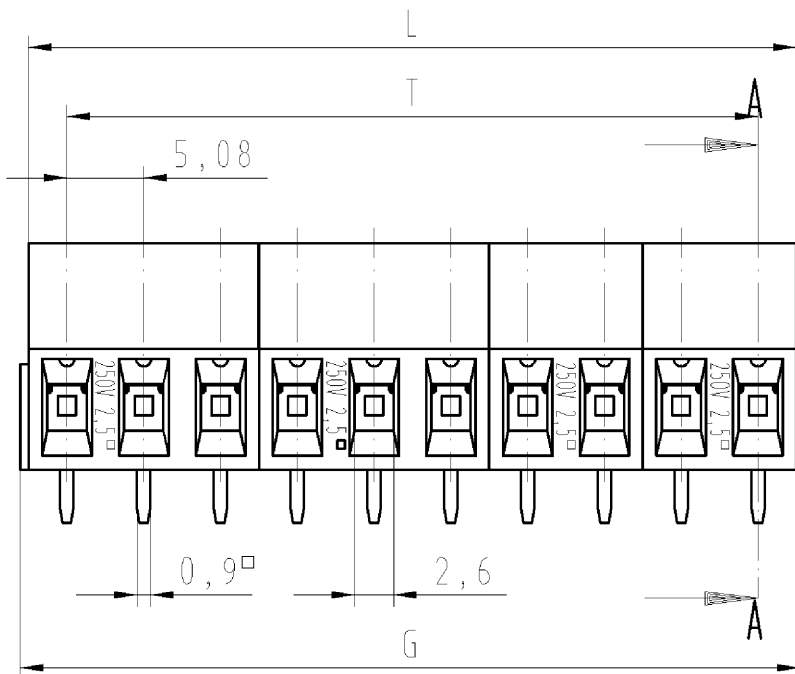
Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	21.17 mm
Depth	9.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

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

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

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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. mm ³	Of1./Surf. mm ²	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 2007-06-05/1253/22 1.000

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M2
M3
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11.1
12.1
1.1