

Data sheet

Art.No.: 25.163.0653.0

Printed circuit board terminal 8291 / 6 OB

PCB Terminal Block, 6-pole, without marking and insulation plate, pitch 5,08 mm, series: 8291/6 OB

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DIGITALIZATION IN PROGRESS

Art.No.	25.163.0653.0
EAN	4015573176713
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	6
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
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 ²
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

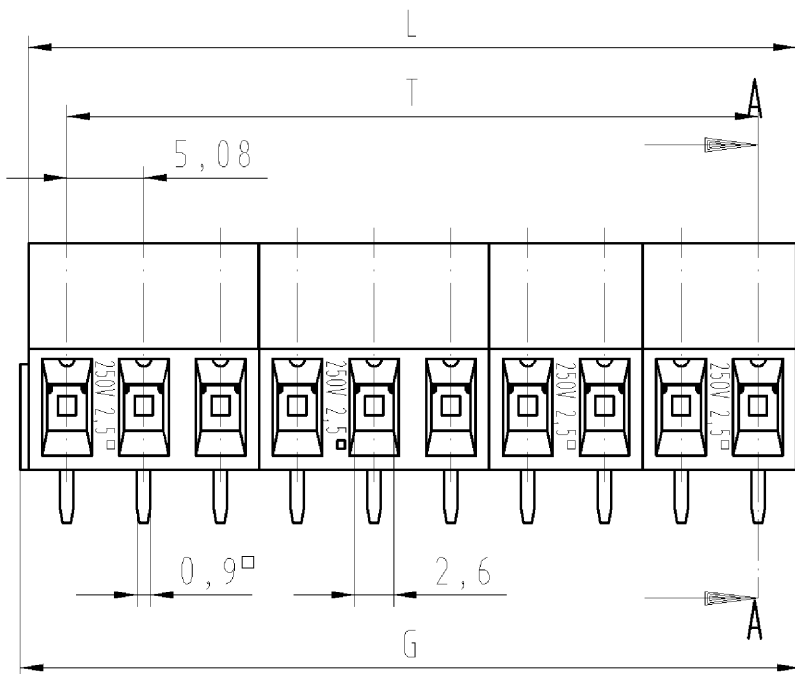
Cross section UL	22-12 AWG
Voltage UL	300 V
Current field wiring	20 A
Current factory wiring	30 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	25 A

Other

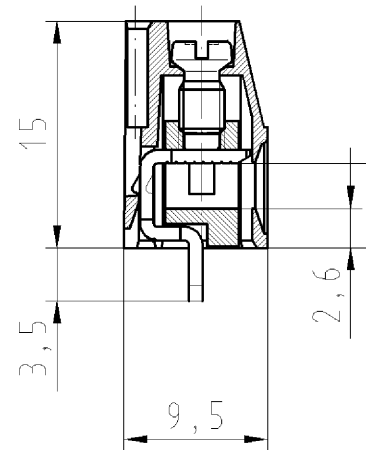
Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	31.33 mm
Depth	9.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

Classification

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



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	
	Teile - Nr. part - no.	Typ type	Polz. pole	T	L	G

.F	Farbe/ colour
.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		
	/	Maßstab/Scale		geprüft checked	-	-		
	/	2:1		Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
	/	Vol.	mm ³	Of1./Surf.	mm ²	Ersatz für/Replacement for: -		
	/		wieland	Type	Benennung/Tittle			
	/			LP_KLEMME				
	/			PCB terminal				
	/			Rastermaß 5,08 / pitch 5,08				
Index	Datum / Blatt Date / Sheet							
Änderung/Revision								

251630253001K_4 CADW1044 treschan 2007-06-05/1253/22 1.000