

Data sheet

Commercial Art.No.: 25.163.1053.0

Printed circuit board terminal 8291 / 10 OB

PCB terminal with screw connection with rising cage clamp system, 10 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.	25.163.1053.0
EAN	4015573176751
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	10
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
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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

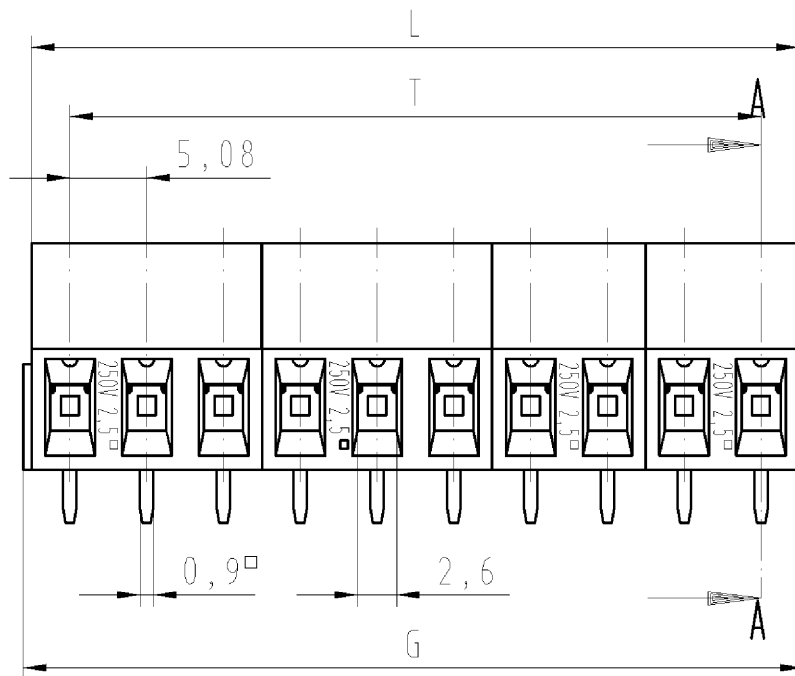
Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	51.65 mm
Depth	9.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

Classification

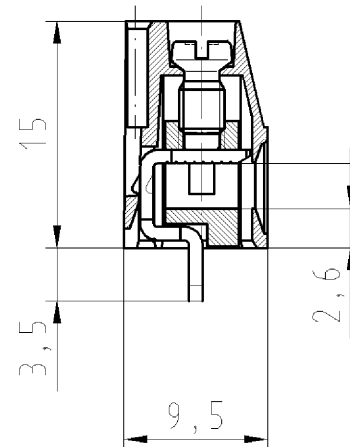
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

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



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Gezeichnete Ausführung
10-polig
drawn version
10 poles

Weitere Daten siehe Katalog
further data see catalog

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

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

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	
/			Maßstab/Scale 2:1	Vol. mm ³	Ofl./Surf. mm ²	gezeichnet drawn	05.06.	Treschan	T		25.163.0253.0 01K
/						geprüft checked	-	-			
/						Normgepr. Stand. check	-	-			
/			Ersatz für/Replacement for: -								
/			Type		Benennung/Title						
/			LP_KLEMME		PCB terminal						
/			Elektische Verbindungen		Rastermaß 5,08 / pitch 5,08						
Index			Datum / Blatt Date / Sheet								
Änderung/Revision											