

Datasheet

Art.No. 25.163.0253.0

Printed circuit board terminal 8291 / 2 OB

PCB Terminal Block, 2-pole, without marking and insulation plate, pitch 5,08 mm, series: 8291/2 OB



Art.No.	25.163.0253.0
EAN	4015573176669
Order unit	100 pieces

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
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
Colour	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 8.1	27440401
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643



Drawings

Schnitt A-A
section A-A

These dimensions will be respected by default at delivery.
Only inspection dimensions.
Bitte diese Maßangaben nur zur Kontrolle der Lieferung verwenden.

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

Information 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).

Material: 8291/24 OB

Material: 8291/23 OB

Material: 8291/22 OB

Material: 8291/21 OB

Material: 8291/20 OB

Material: 8291/19 OB

Material: 8291/18 OB

Material: 8291/17 OB

Material: 8291/16 OB

Material: 8291/15 OB

Material: 8291/14 OB

Material: 8291/13 OB

Material: 8291/12 OB

Material: 8291/11 OB

Material: 8291/10 OB

Material: 8291/ 9 OB

Material: 8291/ 8 OB

Material: 8291/ 7 OB

Material: 8291/ 6 OB

Material: 8291/ 5 OB

Material: 8291/ 4 OB

Material: 8291/ 3 OB

Material: 8291/ 2 OB

Freilegeranz nach General reference	3xD - Zeichnung, keine manuelle Änderungen 3xD - drawing, no manual modifications allowed	1. Verwendung: First Use:	Blatt: Sheet:
2007	Top/Date	Name	Zeichnung Nr./Drawing No.
parochel Erg.	05.06.	Toschak	T 25.163.0253.0 01K
parochel Änderung	-	-	
parochel Zust. check	-	-	
Maße in mm/Dimensions are in mm			
Ersatz für/Replacement for: -			
		LP_KLEMME PCB terminal Rastermaß 5,08 / pitch 5,08	