

Datasheet

Art.No. 25.163.0353.0

Printed circuit board terminal 8291 / 3 OB

PCB Terminal Block, 3-pole, without marking and insulation plate, pitch 5,08 mm, series: 8291/3 OB



Art.No.	25.163.0353.0
EAN	4015573176683
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	3
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
Colour	Grey
Height	15 mm
Length	16.09 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 die gemessenen Abmessungen sind nicht verbindlich für den Kunden

These data will be standard in accordance with the standard
Auswahltechnisch Merkmale
Bitte die gemessenen Abmessungen sind nicht verbindlich für den Kunden

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

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

Interferenz 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).

Freioleranz nach
General tolerance

CD - Zeichnung, keine manuelle Änderungen
CD - drawing, no manual modifications allowed

1. Verwendung:
First Use:

Blatt: 1 von 1
Sheet: 1 of 1

ja/yes E3 Stoffverbot- und Deklarationsliste nach REACH-05/05 ist anzugeben.
Conformity with Wieland document WU-TM-35/03 (List of prohibited / declarable hazardous substances) to be declared!

	Werkstoff/Material	2007	Top/Date	Name	Zeichnung Nr./Drawing No.	Index
/	/	/	/	/	T	25.163.0253.0 01K
/	/	/	/	/	Maße in mm/Dimensions are in mm	
/	/	/	/	/	Ersatz für/Replacement for: -	
/	/	/	/	/	Type	Bezeichnung/Title
/	/	/	/	/	<p>LP_KLEMME PCB terminal Rastermaß 5,08 / pitch 5,08</p>	
/	/	/	/	/	<p>wieland Elektronische Verbindungen</p>	
/	/	/	/	/	<p>Änderung/Revision</p>	

25.163.0253.01K_4_CXW1044_Revision 2007-09-08-0011253022 1.000
QU-PEM-08/91