

## Data sheet

Art.No.: 25.602.2253.0

Pluggable PCB Terminal 8142 / 2 OB

pluggable terminal block with screw connection for PCB with stripped headers, 2 - pole, without marking, pitch: 5mm, series: 8142/2 O

10110110100010100101011101  
01001101100101110100101010  
101001101100111001010010  
10101001101100111001010010  
11010100110110010111010010  
101010100101011101010011

**DIGITALIZATION  
IN PROGRESS**

Art.No.	25.602.2253.0
EAN	4015573203556
Order Unit	100

Certificates / Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	Screw connection
Soldering process	None
Packaging	Carton
Number of poles	2
Marking	No
Mating direction towards connector	90°

### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
Rated current	8 A
Overvoltage Category I	1000 V
Overvoltage Category II	250 V
Overvoltage Category III	200
Rated impulse voltage	4 kV
Wire strip length	5 mm

### Connection Data

Minimum cross section solid	0.14 mm <sup>2</sup>
Maximum cross section solid	4 mm <sup>2</sup>
Minimum cross section fine stranded	0.14 mm <sup>2</sup>
Maximum cross section fine stranded	2.5 mm <sup>2</sup>
Wire strip length	5 mm

### Technical Data UL/CSA

Cross section UL	22-12 AWG
Voltage UL	300 V

Current field wiring	15 A
Current factory wiring	15 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	15 A

#### Other

Type of insulation material	Thermoplastic
Color	Grey
Height	13 mm
Length	10 mm
Depth	11.5 mm
Material attachment screw	Steel
Material contact base	CuSn
Material contact surface	Sn

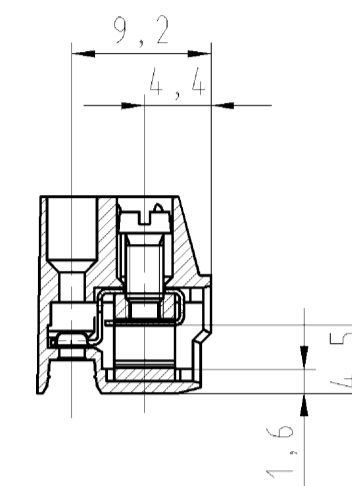
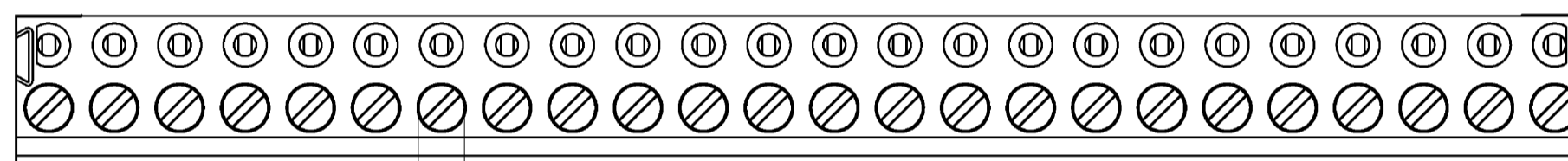
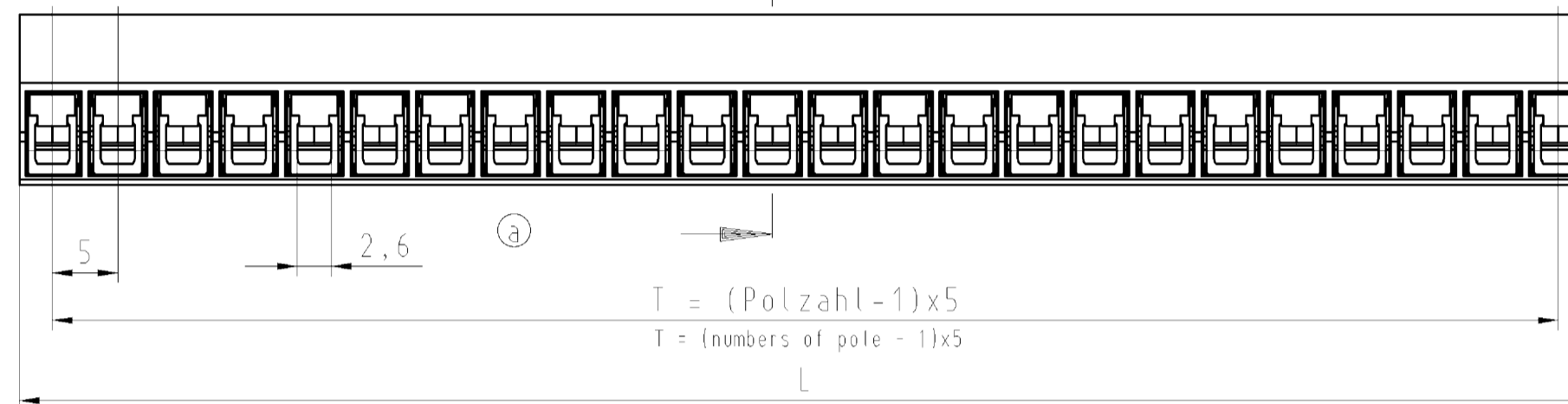
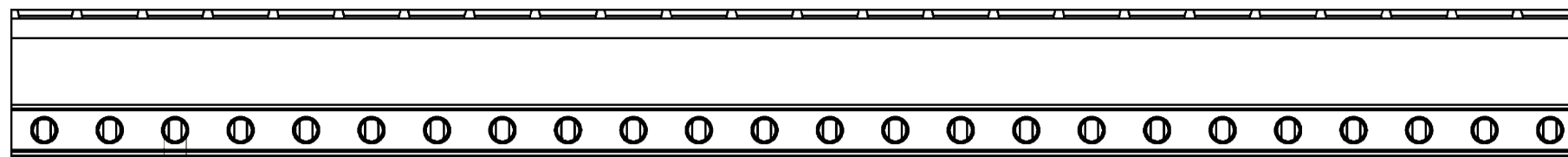
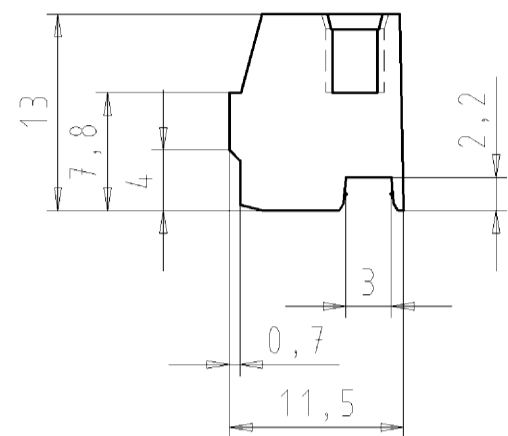
#### Classification

ECLASS 8.1	27440402
ETIM 7.0	EC002637
ETIM 6.0	EC002637
ETIM 5.0	EC002637

#### Fits with

Art.No.:	Article/type description:	Description:
Z5.540.0225.0	PCB pin header 8142... /2 90° D1.3/1.0	PCB stripped header, 2 -pole, pitch: 5mm, solder pin: 1,0 mm diameter, with angled pin, colour black, suitable for pluggable terminal block, series 8142
Z5.540.3225.0	PCB pin header 8142... /2 90° D1.3/1.3	PCB stripped header, 2 -pole, pitch: 5mm, solder pin: 1,3 mm diameter, with angled pin, colour black, suitable for pluggable terminal block, series 8142
Z5.530.0225.0	PCB pin header 8142... /2 D1.3/1.0	PCB stripped header, straight, 2 -pole, solder pin: 1,0 mm diameter, colour grey, suitable for pluggable terminal block series 8142, pitch: 5mm
Z5.530.3225.0	PCB pin header 8142 / 2	PCB stripped header, straight, 2 -pole, solder pin: 1,3 mm diameter, colour black, suitable for pluggable terminal block series 8142 , pitch: 5mm, tin
Z5.530.0204.0	PCB pin header 8142 S / 2 THR	PCB PIN HEADER 8142 S / 2 THR

Gezeichnet/drawn:  
25.602.4453.0



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

These Maße werden bei Abnahme besonders geprüft  
Ausschließlich Prüfmaße  
M.I./E gekennzeichnete Maße sind nur für internen Zweck gültig

25.602.4453.F	8142/24	OB	24	115	120
25.602.4353.F	8142/23	OB	23	110	115
25.602.4253.F	8142/22	OB	22	105	110
25.602.4153.F	8142/21	OB	21	100	105
25.602.4053.F	8142/20	OB	20	95	100
25.600.3953.F	8142/19	OB	19	90	95
25.602.3853.F	8142/18	OB	18	85	90
25.602.3753.F	8142/17	OB	17	80	85
25.602.3653.F	8142/16	OB	16	75	80
25.602.3553.F	8142/15	OB	15	70	75
25.602.3453.F	8142/14	OB	14	65	70
25.602.3353.F	8142/13	OB	13	60	65
25.602.3253.F	8142/12	OB	12	55	60
25.602.3153.F	8142/11	OB	11	50	55
25.602.3053.F	8142/10	OB	10	45	50
25.602.2953.F	8142/ 9	OB	9	40	45
25.602.2853.F	8142/ 8	OB	8	35	40
25.602.2753.F	8142/ 7	OB	7	30	35
25.602.2653.F	8142/ 6	OB	6	25	30
25.602.2553.F	8142/ 5	OB	5	20	25
25.602.2453.F	8142/ 4	OB	4	15	20
25.602.2353.F	8142/ 3	OB	3	10	15
25.602.2253.F	8142/ 2	OB	2	5	10
Teile-Nr. part-no.	Typ type	Polzahl pole	T	L	

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

Weitere Daten siehe Katalog  
further data see catalog

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).

Freitoleranz nach DIN ISO 2768 - m  
EAD - drawing, no manual modifications allowed

ja/yes  Stoffverhalts- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.  
Conformity with Wieland document UU-TQM-05/03 (list of prohibited / delectable hazardous substances) to be declared!

1. Verwendung: -  
First Use:

Blatt: 1 von 1  
Sheet: 1 of 1

Zeichnung Nr./Drawing No.	Index
T 25.602.2253.0 01K	a

Maße in mm/Dimensions are in mm

Vol. mm/Off./Surf. mm  
Ersatz für/Replacement for: -

wieland  
Elektrische Verbindungen

Type  
Benennung/Title  
PLUGGABLE PCB TERMINAL  
LP\_STECKKLEMM  
2 - 24 polig/poles

s. Tabelle  
see table

16.05.2011/  
Index Datum / Blatt  
Date / Sheet

Änderung/Revision

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