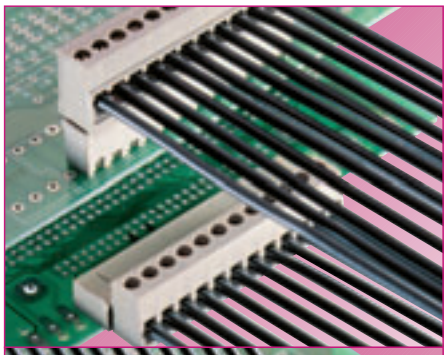
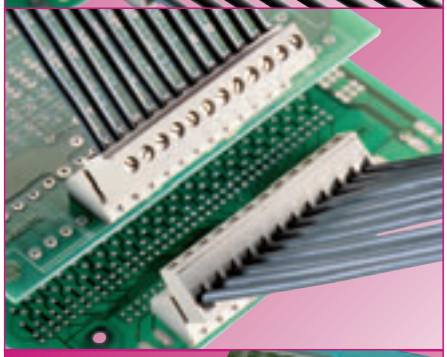
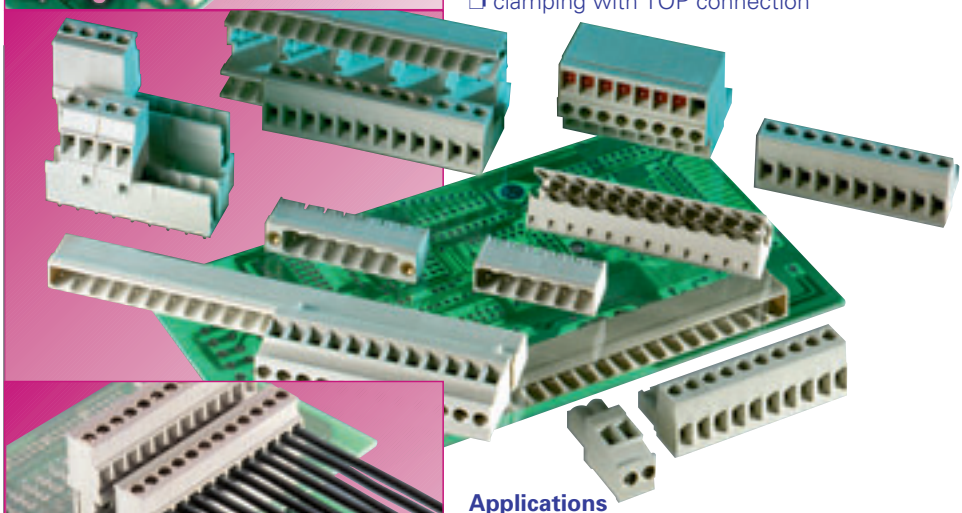
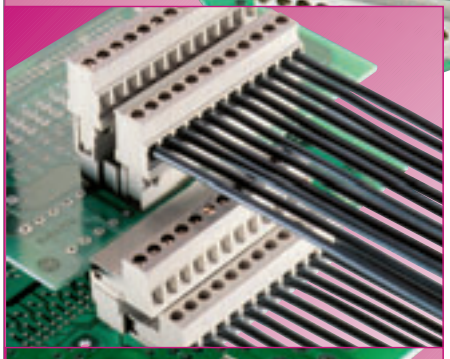
Pluggable PCB terminals and headers

wiecon PCB











Pluggable connection describes the method used to connect an external conductor to a PCB, via a terminal connector and header

System features

- ❒ plug in system is simple to maintain
- ❒ screw termination by means of rising cage clamp for security
- ❒ screw connection is easy to operate
- ❒ spring clamp connection for speed
- ❒ comprehensive range means that the direction of insertion/withdrawal and conductor guide methodology can be individually matched to the application
- ❒ simple, clear and secure method of connecting and disconnecting
- ❒ multiple pole configuration
- ❒ connection of single core and finely stranded conductors up to 1.5 mm^2 and 2.5 mm^2
- ❒ metric and imperial pitch options The pitch measured in inches can be identified by a pip on the conductor guide funnel
- ❒ clamping with TOP connection

Applications

- ❒ designed for frequent and ongoing equipment maintenance and system changes as the pluggable terminal connector and PCB header are easily connected and disconnected
- ❒ prefabricated wiring arrangements can be easily interfaced to connect and enable the system

Type range

- ❒ 2 - 24 pole
- ❒ different variants of terminals and headers allow for horizontal, vertical and angled connection of wiring in relation to the PCB (eg. 35°)
- ❒ PCB terminals with closed side walls: ensure no miss-connection
- ❒ PCB terminals with open side walls enable expansion with no effect on the pitch to the circuit board
- ❒ pitch options: 3.81/5.00/5.08/ 7.50/7.62/10.00/10.16 mm
- ❒ two tier headers

Flange version

- ❒ terminal connectors and headers can also incorporate additional fixing elements such as screw flanges which helps prevent them being separated accidentally
- ❒ secure electrical and mechanical connection even under shock and vibration

Coding

- ❒ a coding system is available to prevent the connection of non-interchangeable components. The coding parts can be inserted into special slots in either or both the terminal connector and header
- ❒ coding does not effect number of available poles
- ❒ coding possible with a minimum of 4 poles

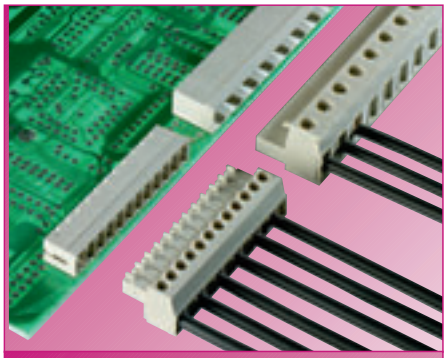
Marking

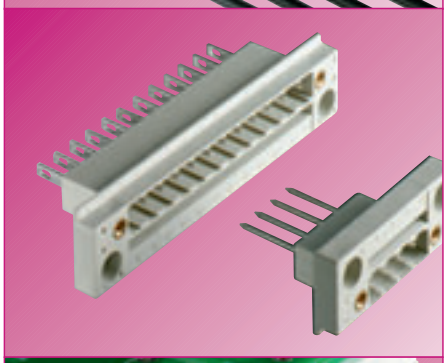
- ❒ clear pole marking which is easy to read enabling easy connection
- ❒ by means of ink jet printing directly onto the terminal connector using indelible ink
- ❒ special marking is possible on request

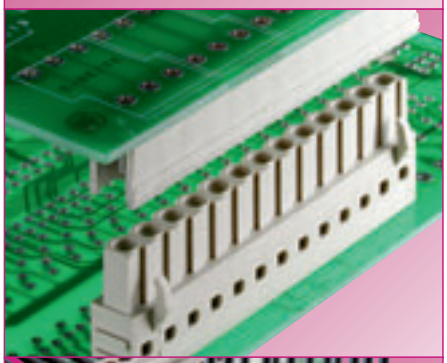
DQS certification for all product areas

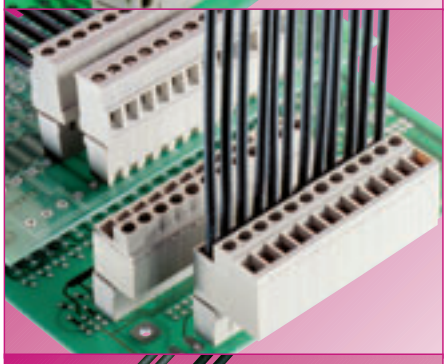
- ❒ Quality standard in accordance with DIN ISO 9001
- ❒ In development, production and installation
- ❒ Continued control of the quality standard by means of regular internal and external quality audits
- ❒ Compatible with certificates of other countries:
  - BSI, Great Britain
  - SQS, Switzerland
  - Aib-Vincotte, Belgium
  - ÖQS, Austria

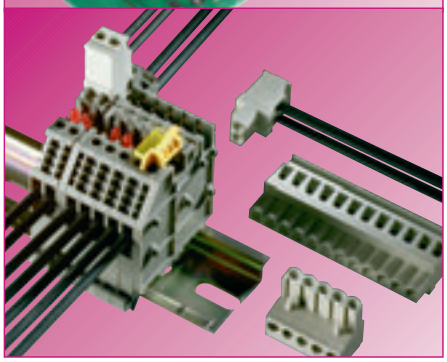
wiecon











System 8813

- ❒ mini-PCB terminals 2 to 20 pole
- ❒ terminal and header horizontal or vertical in relation to the PCB
- ❒ total design height: 11 mm, of which only 8 mm is above the PCB
- ❒ in the space saving 3.81 mm pitch
- ❒ conductor size 1.5 mm^2
- ❒ suitable for coding:
  – plug terminal with coding pins
  – socket header with coding channels
- ❒ also with locking flange

Panel mount header

- ❒ header can be inserted in the unit wall (see inset)
- ❒ plug in connection through the wall
- ❒ header = bush housing
- ❒ threaded bush for vibration resistant screw connection of flange designs
- ❒ can be screwed to the housing wall
- ❒ connecting wiring inside the housing via termi-point or solder connection

Inverted version

- ❒ solderable terminal as header with straight and angled socket solder pins
- ❒ can be coded using coding parts in special slots
- ❒ the mounting holder enables locking with the header

Top version

- ❒ screw connection and conductor feed in line with connection
- ❒ plug with connection in line with conductor
- ❒ very easy to use in restricted installation conditions
- ❒ with and without integral LED

Special types

- ❒ for the control panel:
  – terminal blocks with integral header
  – assembles to 5.00 mm-pitch
  – can be mounted on DIN rail
- ❒ terminals with header for system 8113
- ❒ with vertical socket outlet
- ❒ with horizontal socket outlet

Materials

Metal components

- ❒ made from special alloys and/ or special surface treatments for:
- ❒ clamping part and clamping screw: made from nickel plated brass
  top version: galvanised and chromated steel
- ❒ socket contact: tinned bronze
- ❒ header and solder pins: made from a high quality copper alloy
- ❒ minimum contact resistance
- ❒ high corrosion protection
- ❒ secure, dynamic clamping function

Insulating housing:

- ❒ Polyamide 66/6, used on account of its excellent electrical, chemical and mechanical properties
  (see ***facts*** & DATA section)
- ❒ material in accordance with UL 94 V-0
- ❒ colour grey, similar to RAL 7032
- ❒ glass filled for additional reinforcement (no glass reinforcement in tier-type header and solderable parts)

Abbreviations for plastic material markings:

PA 66/6	= Polyamide 66/6
PC	= Polycarbonate
PBT	= Polybutylenterephthalate

Note:
The conductor size and connecting capacity relate to unprepared conductors without ferrules.

The rated current specified corresponds to the maximum load of PCB terminal with connected conductor with the given conductor size.

The rated voltage is specified in accordance with DIN VDE 0110 Part 1 (IEC 60 664-1) – Insulation coordination for electrical equipment in low voltage installations and refers to the received condition of the PCB terminals.

When fitting PCB terminals to the PCB, the appropriate PCB must be selected and given the relevant dimensions (e.g. as regards the resistance of the PCB to creepage, spacing of the conductors and soldering pads).

In addition, the influences of the environment (level of pollution) to which the equipment is to be exposed are to be taken into account. The specified rate voltages for the whole module only apply if the PCB and PCB terminal have been matched correctly and carefully.

Pluggable PCB terminal, rising cage clamp system, pitch 3.50/3.81 mm

wiecon PCB

cable size

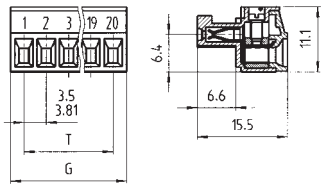
1.5 mm²

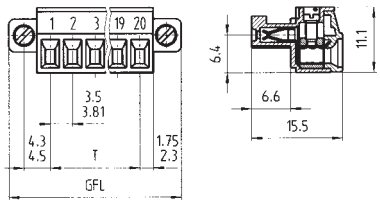
Rated cross section:
1.5 mm²

Rated current:
8 A

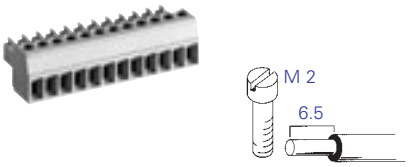
Wire range:
0.14 – 1.5 mm² single core/finely stranded

125 V/2.5 kV/3 – overvoltage category III
250 V/2.5 kV/2 – overvoltage category II
*690 V/2.5 kV/1 – overvoltage category I





* max. 600V for non earthed systems or expected overvoltage
≤ 3 kV for L ≥ 2.00 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm



Type 8513 B/..., 8813 B/...
Connection in line with conductor



with screw flange

Type 8513 B/...F, 8813 B/...F
Connection in line with conductor

Rated voltages VDE 0110			
UL Data	No. 30 – 16 AWG	300 V	8 A
CSA Data	No. 22 – 14 AWG	300 V	5 A
Approvals			

Box Qty	GFL	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 3.50 mm					unmarked	marked	unmarked	marked
100	17.40	7.00	3.50	2	25.640.3253.0	25.640.0253.0	25.641.3253.0	25.641.0253.0
100	20.90	10.50	7.00	3	25.640.3353.0	25.640.0353.0	25.641.3353.0	25.641.0353.0
50	24.40	14.00	10.50	4	25.640.3453.0	25.640.0453.0	25.641.3453.0	25.641.0453.0
50	27.90	17.50	14.00	5	25.640.3553.0	25.640.0553.0	25.641.3553.0	25.641.0553.0
50	31.40	21.00	17.50	6	25.640.3653.0	25.640.0653.0	25.641.3653.0	25.641.0653.0
50	34.90	24.50	21.00	7	25.640.3753.0	25.640.0753.0	25.641.3753.0	25.641.0753.0
50	38.40	28.00	24.50	8	25.640.3853.0	25.640.0853.0	25.641.3853.0	25.641.0853.0
50	41.90	31.50	28.00	9	25.640.3953.0	25.640.0953.0	25.641.3953.0	25.641.0953.0
50	45.40	35.00	31.50	10	25.640.4053.0	25.640.1053.0	25.641.4053.0	25.641.1053.0
50	48.90	38.50	35.00	11	25.640.4153.0	25.640.1153.0	25.641.4153.0	25.641.1153.0
50	52.40	42.00	38.50	12	25.640.4253.0	25.640.1253.0	25.641.4253.0	25.641.1253.0
50	55.90	45.50	42.00	13	25.640.4353.0	25.640.1353.0	25.641.4353.0	25.641.1353.0
50	59.40	49.00	45.50	14	25.640.4453.0	25.640.1453.0	25.641.4453.0	25.641.1453.0
50	62.90	52.50	49.00	15	25.640.4553.0	25.640.1553.0	25.641.4553.0	25.641.1553.0
50	66.40	56.00	52.50	16	25.640.4653.0	25.640.1653.0	25.641.4653.0	25.641.1653.0
Pitch 3.81 mm					unmarked	marked	unmarked	marked
100	18.01	8.41	3.81	2	25.620.3253.0	25.620.0253.0	25.621.3253.0	25.621.0253.0
100	21.82	12.22	7.62	3	25.620.3353.0	25.620.0353.0	25.621.3353.0	25.621.0353.0
50	25.63	16.03	11.43	4	25.620.3453.0	25.620.0453.0	25.621.3453.0	25.621.0453.0
50	29.44	19.84	15.24	5	25.620.3553.0	25.620.0553.0	25.621.3553.0	25.621.0553.0
50	33.25	23.65	19.05	6	25.620.3653.0	25.620.0653.0	25.621.3653.0	25.621.0653.0
50	37.06	27.46	22.86	7	25.620.3753.0	25.620.0753.0	25.621.3753.0	25.621.0753.0
50	40.87	31.27	26.67	8	25.620.3853.0	25.620.0853.0	25.621.3853.0	25.621.0853.0
50	44.68	35.08	30.48	9	25.620.3953.0	25.620.0953.0	25.621.3953.0	25.621.0953.0
50	48.49	38.89	34.29	10	25.620.4053.0	25.620.1053.0	25.621.4053.0	25.621.1053.0
50	52.30	42.70	38.10	11	25.620.4153.0	25.620.1153.0	25.621.4153.0	25.621.1153.0
50	56.11	46.51	41.91	12	25.620.4253.0	25.620.1253.0	25.621.4253.0	25.621.1253.0
50	59.92	50.32	45.72	13	25.620.4353.0	25.620.1353.0	25.621.4353.0	25.621.1353.0
50	63.73	54.13	49.53	14	25.620.4453.0	25.620.1453.0	25.621.4453.0	25.621.1453.0
50	67.54	57.94	53.34	15	25.620.4553.0	25.620.1553.0	25.621.4553.0	25.621.1553.0
50	71.35	61.75	57.15	16	25.620.4653.0	25.620.1653.0	25.621.4653.0	25.621.1653.0

Pluggable PCB terminals, spring clamp system, pitch 3.50 mm

cable size

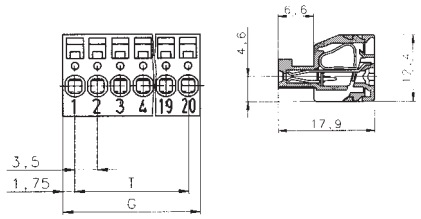
1.5 mm²

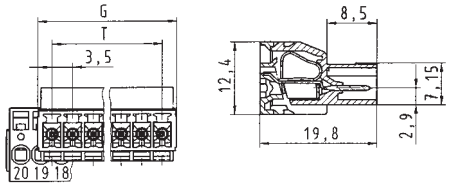
Rated cross section:
1.5 mm²

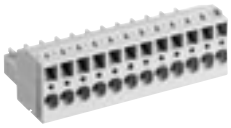
Rated current:
8 A

Wire range:
0.14 – 1.5 mm² single core/finely stranded

125 V/2.5 kV/3 – overvoltage category III
250 V/2.5 kV/2 – overvoltage category II
*690 V/2.5 kV/1 – overvoltage category I













* max. 600V for non earthed systems or expected overvoltage ≤ 3 kV for L ≥ 2.00 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm

Type 8513 BFK

Type 8513 SUFK

VDE 0110					
UL Data	No. 30 – 16 AWG	300 V	8 A	No. 30 – 16 AWG	300 V	8 A
CSA Data	No. 22 – 14 AWG	300 V	5 A	No. 22 – 14 AWG	300 V	5 A
Approvals						

Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 3.50 mm	Type 8513 BFK			unmarked	marked		
100	6.90	3.50	2	25.630.3253.0	25.630.0253.0		
100	10.40	7.00	3	25.630.3353.0	25.630.0353.0		
50	13.90	10.50	4	25.630.3453.0	25.630.0453.0		
50	17.40	14.00	5	25.630.3553.0	25.630.0553.0		
50	20.90	17.50	6	25.630.3653.0	25.630.0653.0		
50	24.40	21.00	7	25.630.3753.0	25.630.0753.0		
50	27.90	24.50	8	25.630.3853.0	25.630.0853.0		
50	31.40	28.00	9	25.630.3953.0	25.630.0953.0		
50	34.90	31.50	10	25.630.4053.0	25.630.1053.0		
50	38.40	35.00	11	25.630.4153.0	25.630.1153.0		
50	41.90	38.50	12	25.630.4253.0	25.630.1253.0		
50	45.40	42.00	13	25.630.4353.0	25.630.1353.0		
50	48.90	45.50	14	25.630.4453.0	25.630.1453.0		
50	52.40	49.00	15	25.630.4553.0	25.630.1553.0		
50	55.90	52.50	16	25.630.4653.0	25.630.1653.0		
Pitch 3.50 mm	Type 8513 SUFK					unmarked	marked
100	8.40	3.50	2			25.642.3253.0	25.642.0253.0
100	11.90	7.00	3			25.642.3353.0	25.642.0353.0
50	15.40	10.50	4			25.642.3453.0	25.642.0453.0
50	18.90	14.00	5			25.642.3553.0	25.642.0553.0
50	22.40	17.50	6			25.642.3653.0	25.642.0653.0
50	25.90	21.00	7			25.642.3753.0	25.642.0753.0
50	29.40	24.50	8			25.642.3853.0	25.642.0853.0
50	32.90	28.00	9			25.642.3953.0	25.642.0953.0
50	36.40	31.50	10			25.642.4053.0	25.642.1053.0
50	39.90	35.00	11			25.642.4153.0	25.642.1153.0
50	43.40	38.50	12			25.642.4253.0	25.642.1253.0
	46.90	42.00	13			25.642.4353.0	25.642.1353.0
	50.40	45.50	14			25.642.4453.0	25.642.1453.0
	53.90	49.00	15			25.642.4553.0	25.642.1553.0
	57.40	52.50	16			25.642.4653.0	25.642.1653.0
Accessories:							
DIN 5264 A 0.4 x 2.5	5			06.502.4300.0			

Pluggable PCB terminals, rising cage clamp system, Pitch 3.81 mm

wiecon PCB

cable size

1.5 mm²

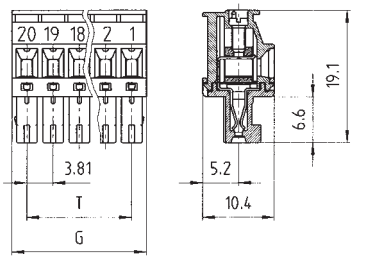
Rated cross section:
1.5 mm²

Rated current:
8 A

Wire range:
0.14 – 1.5 mm² single core/finely stranded

125 V/2.5 kV/3 – overvoltage category III
250 V/2.5 kV/2 – overvoltage category II
*690 V/2.5 kV/1 – overvoltage category I

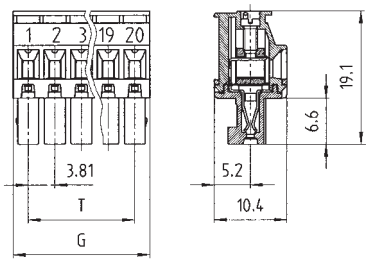
* max. 600V for non earthed systems or expected overvoltage
≤ 3 kV for L ≥ 2.00 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm





Type 8813 B/... VR

Connection at 90° to conductor





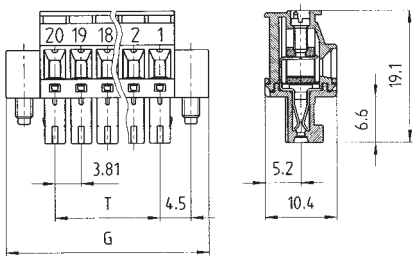
Type 8813 B/... VL

Connection at 90° to conductor

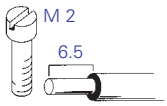
Rated voltages VDE 0110			
UL Data	No. 30 – 16 AWG	300 V	8 A
CSA Data	No. 22 – 14 AWG	300 V	5 A
Approvals			

Box Qty	GFL	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 3.81 mm					unmarked	marked	unmarked	marked
100	18.01	8.41	3.81	2	25.622.3253.0	25.622.0253.0	25.624.3253.0	25.624.0253.0
100	21.82	12.22	7.62	3	25.622.3353.0	25.622.0353.0	25.624.3353.0	25.624.0353.0
50	25.63	16.03	11.43	4	25.622.3453.0	25.622.0453.0	25.624.3453.0	25.624.0453.0
50	29.44	19.84	15.24	5	25.622.3553.0	25.622.0553.0	25.624.3553.0	25.624.0553.0
50	33.25	23.65	19.05	6	25.622.3653.0	25.622.0653.0	25.624.3653.0	25.624.0653.0
50	37.06	27.46	22.86	7	25.622.3753.0	25.622.0753.0	25.624.3753.0	25.624.0753.0
50	40.87	31.27	26.67	8	25.622.3853.0	25.622.0853.0	25.624.3853.0	25.624.0853.0
50	44.68	35.08	30.48	9	25.622.3953.0	25.622.0953.0	25.624.3953.0	25.624.0953.0
50	48.49	38.89	34.29	10	25.622.4053.0	25.622.1053.0	25.624.4053.0	25.624.1053.0
50	52.30	42.70	38.10	11	25.622.4153.0	25.622.1153.0	25.624.4153.0	25.624.1153.0
50	56.11	46.51	41.91	12	25.622.4253.0	25.622.1253.0	25.624.4253.0	25.624.1253.0
50	59.92	50.32	45.72	13	25.622.4353.0	25.622.1353.0	25.624.4353.0	25.624.1353.0
50	63.73	54.13	49.53	14	25.622.4453.0	25.622.1453.0	25.624.4453.0	25.624.1453.0
50	67.54	57.94	53.34	15	25.622.4553.0	25.622.1553.0	25.624.4553.0	25.624.1553.0
50	71.35	61.75	57.15	16	25.622.4653.0	25.622.1653.0	25.624.4653.0	25.624.1653.0

wiecon





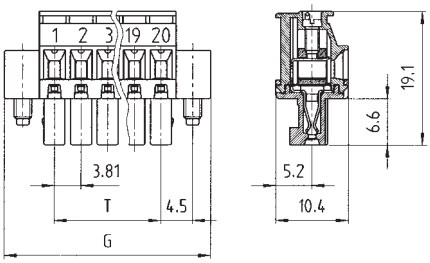


with screw flange

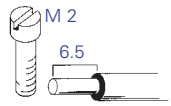
Type 8813 B/... VR F

Connection at 90° to conductor

No. 30 – 16 AWG	300 V	8 A
No. 22 – 14 AWG	300 V	5 A







with screw flange

Type 8813 B/... VL F

Connection at 90° to conductor

No. 30 – 16 AWG	300 V	8 A
No. 22 – 14 AWG	300 V	5 A

Part No. unmarked	Part No. marked	Part No. unmarked	Part No. marked	
25.623.3253.0 25.623.3353.0 25.623.3453.0	25.623.0253.0 25.623.0353.0 25.623.0453.0	25.625.3253.0 25.625.3353.0 25.625.3453.0	25.625.0253.0 25.625.0353.0 25.625.0453.0	
25.623.3553.0 25.623.3653.0 25.623.3753.0	25.623.0553.0 25.623.0653.0 25.623.0753.0	25.625.3553.0 25.625.3653.0 25.625.3753.0	25.625.0553.0 25.625.0653.0 25.625.0753.0	
25.623.3853.0 25.623.3953.0 25.623.4053.0	25.623.0853.0 25.623.0953.0 25.623.1053.0	25.625.3853.0 25.625.3953.0 25.625.4053.0	25.625.0853.0 25.625.0953.0 25.625.1053.0	
25.623.4153.0 25.623.4253.0 25.623.4353.0	25.623.1153.0 25.623.1253.0 25.623.1353.0	25.625.4153.0 25.625.4253.0 25.625.4353.0	25.625.1153.0 25.625.1253.0 25.625.1353.0	
25.623.4453.0 25.623.4553.0 25.623.4653.0	25.623.1453.0 25.623.1553.0 25.640.1653.0	25.625.4453.0 25.625.4553.0 25.625.4653.0	25.625.1453.0 25.625.1553.0 25.625.1653.0	

PCB headers, pitch 3.50/3.81 mm

wiecon PCB

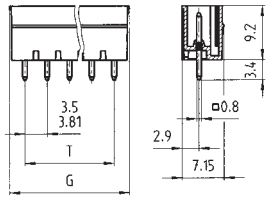
cable size

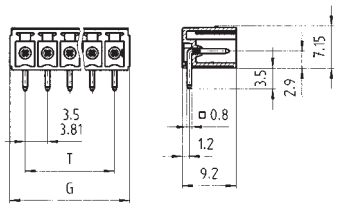
1.5 mm²

Rated current:
8 A

125 V/2.5 kV/3 – overvoltage category III
250 V/2.5 kV/2 – overvoltage category II
*690 V/2.5 kV/1 – overvoltage category I

Approvals for type 8513 have been applied for





* max. 600V for non earthed systems or expected overvoltage
≤ 3 kV for L ≥ 2.00 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm



Solder pin 0.8 x 0.8 mm
Bore hole Ø 1.2 mm

Type 8513 S/... G, 8813 S/... G

Connection vertical to PCB



Solder pin 0.8 x 0.8 mm
Bore hole Ø 1.2 mm

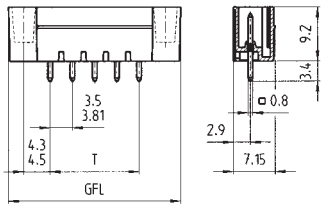
Type 8513 S/... W, 8813 S/... W

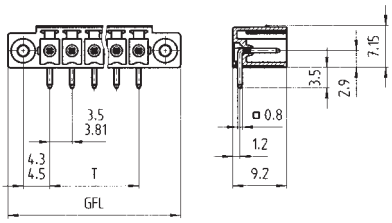
Connection horizontal to PCB

Rated voltages VDE 0110		
UL Data	300 V	8 A
CSA Data	300 V	5 A
Approvals		

	Box Qty	GFL	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 3.50 mm						unmarked		unmarked	
	100	17.40	8.40	3.50	2	25.646.0253.0		25.647.0253.0	
	100	20.90	11.90	7.00	3	25.646.0353.0		25.647.0353.0	
	50	24.40	15.40	10.50	4	25.646.0453.0		25.647.0453.0	
	50	27.90	18.90	14.00	5	25.646.0553.0		25.647.0553.0	
	50	31.40	22.40	17.50	6	25.646.0653.0		25.647.0653.0	
	50	34.90	25.90	21.00	7	25.646.0753.0		25.647.0753.0	
	50	38.40	29.40	24.50	8	25.646.0853.0		25.647.0853.0	
	50	41.90	32.90	28.00	9	25.646.0953.0		25.647.0953.0	
	50	45.40	36.40	31.50	10	25.646.1053.0		25.647.1053.0	
	50	48.90	39.90	35.00	11	25.646.1153.0		25.647.1153.0	
	50	52.40	43.40	38.50	12	25.646.1253.0		25.647.1253.0	
	50	55.90	46.90	42.00	13	25.646.1353.0		25.647.1353.0	
	50	59.40	50.40	45.50	14	25.646.1453.0		25.647.1453.0	
	50	62.90	53.90	49.00	15	25.646.1553.0		25.647.1553.0	
	50	66.40	57.40	52.50	16	25.646.1653.0		25.647.1653.0	
Pitch 3.81 mm						unmarked		unmarked	
	100	18.01	9.01	3.81	2	25.626.0253.0		25.627.0253.0	
	100	21.82	12.82	7.62	3	25.626.0353.0		25.627.0353.0	
	50	25.63	16.63	11.43	4	25.626.0453.0		25.627.0453.0	
	50	29.44	20.44	15.24	5	25.626.0553.0		25.627.0553.0	
	50	33.25	24.25	19.05	6	25.626.0653.0		25.627.0653.0	
	50	37.06	28.06	22.86	7	25.626.0753.0		25.627.0753.0	
	50	40.87	31.87	26.67	8	25.626.0853.0		25.627.0853.0	
	50	44.68	35.68	30.48	9	25.626.0953.0		25.627.0953.0	
	50	48.49	39.49	34.29	10	25.626.1053.0		25.627.1053.0	
	50	52.30	43.30	38.10	11	25.626.1153.0		25.627.1153.0	
	50	56.11	47.11	41.91	12	25.626.1253.0		25.627.1253.0	
	50	59.92	50.92	45.72	13	25.626.1353.0		25.627.1353.0	
	50	63.73	54.73	49.53	14	25.626.1453.0		25.627.1453.0	
	50	67.54	58.54	53.34	15	25.626.1553.0		25.627.1553.0	
	50	71.35	62.35	57.15	16	25.626.1653.0		25.627.1653.0	
Accessories:									
Coding part (branch)	100					05.561.0053.0		05.561.0053.0	
When using coding parts, the coding fins on the terminal connector should be removed									

wiecon







with screw flange

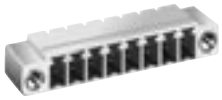
Solder pin 0.8 x 0.8 mm
Bore hole Ø 1.2 mm

Type 8513 S/... GF, 8813 S/... GF

Connection vertical to PCB

300 V 8 A
300 V 5 A

Part No.	Part No.
unmarked	
25.646.3253.0 25.646.3353.0 25.646.3453.0	
25.646.3553.0 25.646.3653.0 25.646.3753.0	
25.646.3853.0 25.646.3953.0 25.646.4053.0	
25.646.4153.0 25.646.4253.0 25.646.4353.0	
25.646.4453.0 25.646.4553.0 25.646.4653.0	
unmarked	
25.626.3253.0 25.626.3353.0 25.626.3453.0	
25.626.3553.0 25.626.3653.0 25.626.3753.0	
25.626.3853.0 25.626.3953.0 25.626.4053.0	
25.626.4153.0 25.626.4253.0 25.626.4353.0	
25.626.4453.0 25.626.4553.0 25.626.4653.0	
05.561.0053.0	



with screw flange

Solder pin 0.8 x 0.8 mm
Bore hole Ø 1.2 mm

Type 8513 S/... WF, 8813 S/... WF

Connection horizontal to PCB

300 V 8 A
300 V 5 A

Part No.	Part No.
unmarked	
25.647.3253.0 25.647.3353.0 25.647.3453.0	
25.647.3553.0 25.647.3653.0 25.647.3753.0	
25.647.3853.0 25.647.3953.0 25.647.4053.0	
25.647.4153.0 25.647.4253.0 25.647.4353.0	
25.647.4453.0 25.647.4553.0 25.647.4653.0	
unmarked	
25.627.3253.0 25.627.3353.0 25.627.3453.0	
25.627.3553.0 25.627.3653.0 25.627.3753.0	
25.627.3853.0 25.627.3953.0 25.627.4053.0	
25.627.4153.0 25.627.4253.0 25.627.4353.0	
25.627.4453.0 25.627.4553.0 25.627.4653.0	
05.561.0053.0	

Pluggable PCB terminals, rising cage clamp, pitch 5.00/5.08 mm

wiecon PCB

cable size

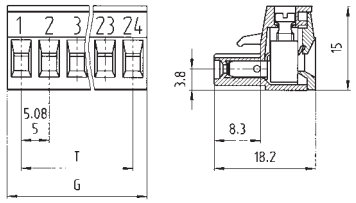
2.5 mm²

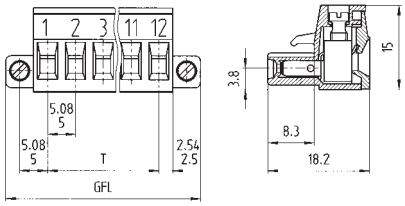
Rated cross section:
2.5 mm²

Rated current:
12 A

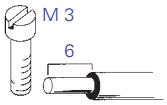
Wire range:
0.14 – 2.5 mm² single core/finely stranded

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I





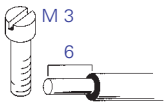




Type 8113 B/.... 8213 B/...
Connection in line with conductor



with screw flange



Type 8113 B/... F, 8213 B/... F
Connection in line with conductor

Rated voltages VDE 0110			
UL Data	No. 22 – 12 AWG	300 V	15 A
CSA Data	No. 22 – 12 AWG	300 V	15 A
Approvals			

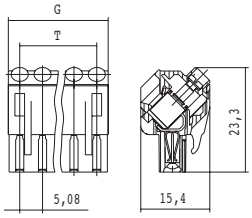
Box Qty	GFL	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 5.00 mm			Type 8113		unmarked	marked	unmarked	marked
100	20	10	5	2	25.320.3253.0	25.320.0253.0	25.322.3253.0	25.322.0253.0
100	25	15	10	3	25.320.3353.0	25.320.0353.0	25.322.3353.0	25.322.0353.0
50	30	20	15	4	25.320.3453.0	25.320.0453.0	25.322.3453.0	25.322.0453.0
50	35	25	20	5	25.320.3553.0	25.320.0553.0	25.322.3553.0	25.322.0553.0
50	40	30	25	6	25.320.3653.0	25.320.0653.0	25.322.3653.0	25.322.0653.0
50	45	35	30	7	25.320.3753.0	25.320.0753.0	25.322.3753.0	25.322.0753.0
50	50	40	35	8	25.320.3853.0	25.320.0853.0	25.322.3853.0	25.322.0853.0
50	55	45	40	9	25.320.3953.0	25.320.0953.0	25.322.3953.0	25.322.0953.0
50	60	50	45	10	25.320.4053.0	25.320.1053.0	25.322.4053.0	25.322.1053.0
50	65	55	50	11	25.320.4153.0	25.320.1153.0	25.322.4153.0	25.322.1153.0
50	70	60	55	12	25.320.4253.0	25.320.1253.0	25.322.4253.0	25.322.1253.0
50	75	65	60	13	25.320.4353.0	25.320.1353.0	25.322.4353.0	25.322.1353.0
50	80	70	65	14	25.320.4453.0	25.320.1453.0	25.322.4453.0	25.322.1453.0
50	85	75	70	15	25.320.4553.0	25.320.1553.0	25.322.4553.0	25.322.1553.0
50	90	80	75	16	25.320.4653.0	25.320.1653.0	25.322.4653.0	25.322.1653.0
					17 to 24 pole on request		17 to 22 pole on request	
Pitch 5.08 mm			Type 8213		unmarked	marked	unmarked	marked
100	20.32	10.16	5.08	2	25.340.3253.0	25.340.0253.0	25.323.3253.0	25.323.0253.0
100	25.40	15.24	10.16	3	25.340.3353.0	25.340.0353.0	25.323.3353.0	25.323.0353.0
50	30.48	20.32	15.24	4	25.340.3453.0	25.340.0453.0	25.323.3453.0	25.323.0453.0
50	35.56	25.40	20.32	5	25.340.3553.0	25.340.0553.0	25.323.3553.0	25.323.0553.0
50	40.64	30.48	25.40	6	25.340.3653.0	25.340.0653.0	25.323.3653.0	25.323.0653.0
50	45.72	35.56	30.48	7	25.340.3753.0	25.340.0753.0	25.323.3753.0	25.323.0753.0
50	50.80	40.64	35.56	8	25.340.3853.0	25.340.0853.0	25.323.3853.0	25.323.0853.0
50	55.88	45.72	40.64	9	25.340.3953.0	25.340.0953.0	25.323.3953.0	25.323.0953.0
50	60.96	50.80	45.72	10	25.340.4053.0	25.340.1053.0	25.323.4053.0	25.323.1053.0
50	66.04	55.88	50.80	11	25.340.4153.0	25.340.1153.0	25.323.4153.0	25.323.1153.0
50	71.12	60.96	55.88	12	25.340.4253.0	25.340.1253.0	25.323.4253.0	25.323.1253.0
50	76.20	66.04	60.96	13	25.340.4353.0	25.340.1353.0	25.323.4353.0	25.323.1353.0
50	81.28	71.12	66.04	14	25.340.4453.0	25.340.1453.0	25.323.4453.0	25.323.1453.0
50	86.36	76.20	71.12	15	25.340.4553.0	25.340.1553.0	25.323.4553.0	25.323.1553.0
50	91.44	81.28	76.20	16	25.340.4653.0	25.340.1653.0	25.323.4653.0	25.323.1653.0
							17 to 22 pole on request	
Accessories:								
Coding part (branch)	100				05.561.9153.0		05.561.9153.0	

wiecon

Rated cross section:
2.5 mm²

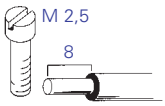
Rated current:
12 A
based on ambient temperature of 20 °C, rated cross-section and max. number of poles

Wire range:
0.5 – 2.5 mm² single core/finely stranded



250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
400 V/4 kV/1 – overvoltage category I





Type 8213 B/...S

Rated voltages VDE 0110/1.89			
UL Data	No. 28 – 12 AWG	300 V	10 A
CSA Data	No. 28 – 12 AWG	300 V	10 A
Approvals			

Box Qty	GFL	G	T	Pole	Part No.	Part No.	
Pitch 5.08 mm					unmarked		
100		10.16	5.08	2	27.341.3253.0		
100		15.24	10.16	3	27.341.3353.0		
50		20.32	15.24	4	27.341.3453.0		
50		25.40	20.32	5	27.341.3553.0		
50		30.48	25.40	6	27.341.3653.0		
50		35.56	30.48	7	27.341.3753.0		
50		40.64	35.56	8	27.341.3853.0		
50		45.72	40.64	9	27.341.3953.0		
50		50.80	45.72	10	27.341.4053.0		
50		55.88	50.80	11	27.341.4153.0		
50		60.96	55.88	12	27.341.4253.0		
50		66.04	60.96	13	27.341.4353.0		
50		71.12	66.04	14	27.341.4453.0		
50		76.20	71.12	15	27.341.4553.0		
50		81.28	76.20	16	27.341.4653.0		
					17 to 24 pole on request		
					Coding available upon request		

Pluggable PCB terminals, rising cage clamp system, Pitch 7.50/7.62 mm

wiecon PCB

cable size

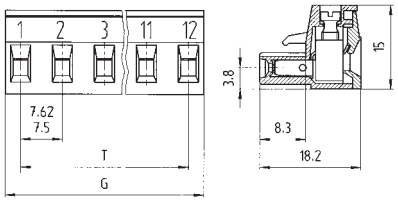
2.5 mm²

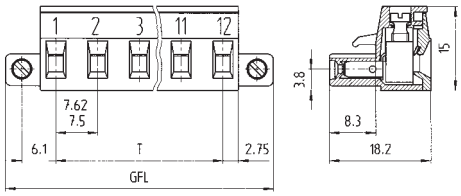
Rated cross section:
2.5 mm²

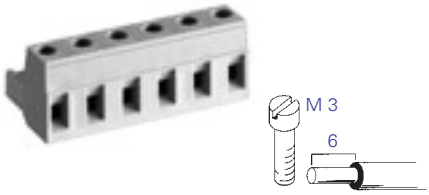
Rated current:
12 A

Wire range:
0.14 – 2.5 mm² single core/finely stranded

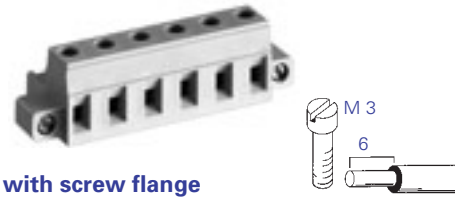
400 V/4 kV/3 – overvoltage category III
690 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Type 8313 B/..., 8413 B/...
Connection in line with conductor



with screw flange

Type 8313 B/... F, 8413 B/... F
Connection in line with conductor

Rated voltages VDE 0110				
UL Data	No. 22 – 12 AWG	300 V	15 A	No. 22 – 12 AWG 300 V 15 A
CSA Data	No. 22 – 12 AWG	300 V	15 A	No. 22 – 12 AWG 300 V 15 A
Approvals				

Box Qty	GFL	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 7.50 mm			Type 8313		unmarked	marked	unmarked	marked
100	25.54	13.00	7.50	2	25.360.3253.0	25.360.0253.0	25.324.2253.0	25.324.0253.0
100	33.04	20.50	15.00	3	25.360.3353.0	25.360.0353.0	25.324.2353.0	25.324.0353.0
50	40.54	28.00	22.50	4	25.360.3453.0	25.360.0453.0	25.324.2453.0	25.324.0453.0
50	48.04	35.50	30.00	5	25.360.3553.0	25.360.0553.0	25.324.2553.0	25.324.0553.0
50	55.54	43.00	37.50	6	25.360.3653.0	25.360.0653.0	25.324.2653.0	25.324.0653.0
50	63.04	50.50	45.00	7	25.360.3753.0	25.360.0753.0	25.324.2753.0	25.324.0753.0
50	70.54	58.00	52.50	8	25.360.3853.0	25.360.0853.0	25.324.2853.0	25.324.0853.0
50	78.04	65.50	60.00	9	25.360.3953.0	25.360.0953.0	25.324.2953.0	25.324.0953.0
50	85.54	73.00	67.50	10	25.360.4053.0	25.360.1053.0	25.324.3053.0	25.324.1053.0
50	93.04	80.50	75.00	11	25.360.4153.0	25.360.1153.0	25.324.3153.0	25.324.1153.0
50	100.54	88.00	82.50	12	25.360.4253.0	25.360.1253.0	25.324.3253.0	25.324.1253.0
Pitch 7.62 mm			Type 8413		unmarked	marked	unmarked	marked
100	25.66	13.12	7.62	2	25.380.3253.0	25.380.0253.0	25.324.6253.0	25.324.4253.0
100	33.28	20.74	15.24	3	25.380.3353.0	25.380.0353.0	25.324.6353.0	25.324.4353.0
50	40.90	28.36	22.86	4	25.380.3453.0	25.380.0453.0	25.324.6453.0	25.324.4453.0
50	48.52	35.98	30.48	5	25.380.3553.0	25.380.0553.0	25.324.6553.0	25.324.4553.0
50	56.14	43.60	38.10	6	25.380.3653.0	25.380.0653.0	25.324.6653.0	25.324.4653.0
50	63.76	51.22	45.72	7	25.380.3753.0	25.380.0753.0	25.324.6753.0	25.324.4753.0
50	71.38	58.84	53.34	8	25.380.3853.0	25.380.0853.0	25.324.6853.0	25.324.4853.0
50	79.00	66.46	60.96	9	25.380.3953.0	25.380.0953.0	25.324.6953.0	25.324.4953.0
50	86.62	74.08	68.58	10	25.380.4053.0	25.380.1053.0	25.324.7053.0	25.324.5053.0
50	94.24	81.70	76.20	11	25.380.4153.0	25.380.1153.0	25.324.7153.0	25.324.5153.0
50	101.86	89.32	83.82	12	25.380.4253.0	25.380.1253.0	25.324.7253.0	25.324.5253.0
Accessories:								
Coding part (branch) 100					05.561.9153.0		05.561.9153.0	

Pluggable PCB terminals, rising cage clamp system, Pitch 5.00/5.08 mm

cable size

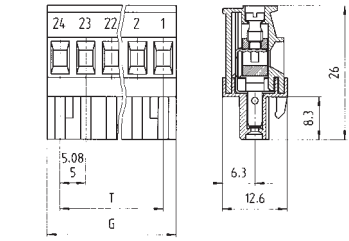
2.5 mm²

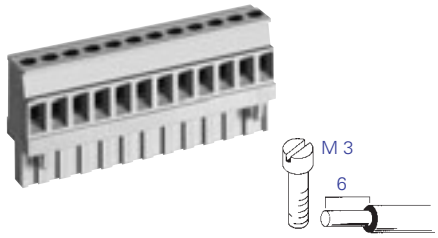
Rated cross section:
2.5 mm²

Rated current:
12 A

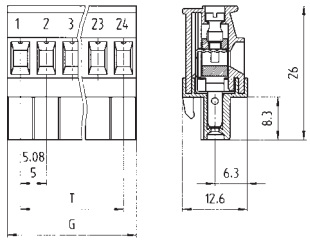
Wire range:
0.14 – 2.5 mm² single core/finely stranded

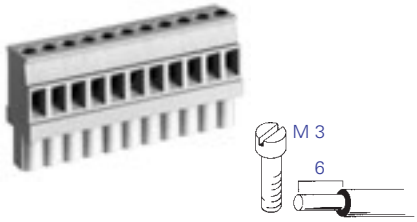
250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I





Type 8113 B/... VR, 8213 B/... VR
Connection 90° to conductor





Type 8113 B/... VL, 8213 B/... VL
Connection 90° to conductor

Rated voltages VDE 0110			
UL Data	No. 22 – 12 AWG	300 V	15 A
CSA Data	No. 22 – 12 AWG	300 V	15 A
Approvals			

	Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 5.00 mm			Type 8113		unmarked	marked	unmarked	marked
	100	10	5	2	25.325.3253.0	25.325.0253.0	25.326.3253.0	25.326.0253.0
	100	15	10	3	25.325.3353.0	25.325.0353.0	25.326.3353.0	25.326.0353.0
	50	20	15	4	25.325.3453.0	25.325.0453.0	25.326.3453.0	25.326.0453.0
	50	25	20	5	25.325.3553.0	25.325.0553.0	25.326.3553.0	25.326.0553.0
	50	30	25	6	25.325.3653.0	25.325.0653.0	25.326.3653.0	25.326.0653.0
	50	35	30	7	25.325.3753.0	25.325.0753.0	25.326.3753.0	25.326.0753.0
	50	40	35	8	25.325.3853.0	25.325.0853.0	25.326.3853.0	25.326.0853.0
	50	45	40	9	25.325.3953.0	25.325.0953.0	25.326.3953.0	25.326.0953.0
	50	50	45	10	25.325.4053.0	25.325.1053.0	25.326.4053.0	25.326.1053.0
	50	55	50	11	25.325.4153.0	25.325.1153.0	25.326.4153.0	25.326.1153.0
	50	60	55	12	25.325.4253.0	25.325.1253.0	25.326.4253.0	25.326.1253.0
	50	65	60	13	25.325.4353.0	25.325.1353.0	25.326.4353.0	25.326.1353.0
	50	70	65	14	25.325.4453.0	25.325.1453.0	25.326.4453.0	25.326.1453.0
	50	75	70	15	25.325.4553.0	25.325.1553.0	25.326.4553.0	25.326.1553.0
	50	80	75	16	25.325.4653.0	25.325.1653.0	25.326.4653.0	25.326.1653.0
			17 to 24 pole on request					
Pitch 5.08 mm			Type 8213		unmarked	marked	unmarked	marked
	100	10.16	5.08	2	25.345.3253.0	25.345.0253.0	25.346.3253.0	25.346.0253.0
	100	15.24	10.16	3	25.345.3353.0	25.345.0353.0	25.346.3353.0	25.346.0353.0
	50	20.32	15.24	4	25.345.3453.0	25.345.0453.0	25.346.3453.0	25.346.0453.0
	50	25.40	20.32	5	25.345.3553.0	25.345.0553.0	25.346.3553.0	25.346.0553.0
	50	30.48	25.40	6	25.345.3653.0	25.345.0653.0	25.346.3653.0	25.346.0653.0
	50	35.56	30.48	7	25.345.3753.0	25.345.0753.0	25.346.3753.0	25.346.0753.0
	50	40.64	35.56	8	25.345.3853.0	25.345.0853.0	25.346.3853.0	25.346.0853.0
	50	45.72	40.64	9	25.345.3953.0	25.345.0953.0	25.346.3953.0	25.346.0953.0
	50	50.80	45.72	10	25.345.4053.0	25.345.1053.0	25.346.4053.0	25.346.1053.0
	50	55.88	50.80	11	25.345.4153.0	25.345.1153.0	25.346.4153.0	25.346.1153.0
	50	60.96	55.88	12	25.345.4253.0	25.345.1253.0	25.346.4253.0	25.346.1253.0
	50	66.04	60.96	13	25.345.4353.0	25.345.1353.0	25.346.4353.0	25.346.1353.0
	50	71.12	66.04	14	25.345.4453.0	25.345.1453.0	25.346.4453.0	25.346.1453.0
	50	76.20	71.12	15	25.345.4553.0	25.345.1553.0	25.346.4553.0	25.346.1553.0
	50	81.28	76.20	16	25.345.4653.0	25.345.1653.0	25.346.4653.0	25.346.1653.0
			17 to 24 pole on request					
Accessories:								
Coding part (branch)	100				05.561.9153.0		05.561.9153.0	

Pluggable PCB terminals, rising cage clamp system, pitch 7.62 mm

wiecon PCB

cable size

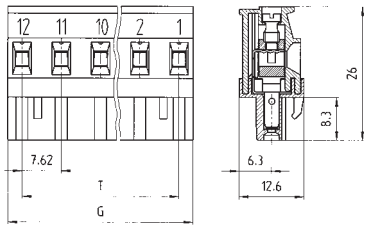
2.5 mm²

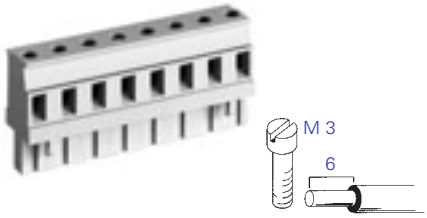
Rated cross section:
2.5 mm²

Rated current:
12 A

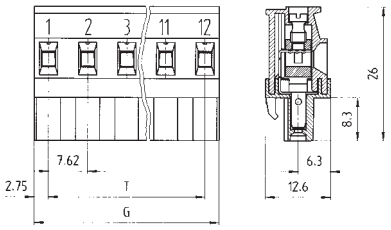
Wire range:
0.14 – 2.5 mm² single core/finely stranded

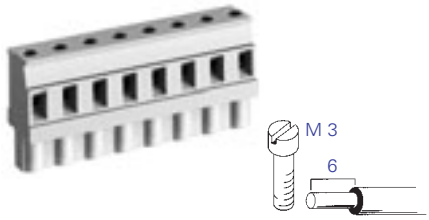
400 V/4 kV/3 – overvoltage category III
690 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I





Type 8413 B/... VR
Connection 90° to conductor





Type 8413 B/... VL
Connection 90° to conductor

Rated voltages VDE 0110			
UL Data	No. 22 – 12 AWG	300 V	15 A
CSA Data	No. 22 – 12 AWG	300 V	15 A
Approvals			

	Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 7.62 mm			Type 8413		unmarked	marked	unmarked	marked
	100	13.12	7.62	2	25.385.2253.0	25.385.0253.0	25.386.2253.0	25.386.0253.0
	100	20.74	15.24	3	25.385.2353.0	25.385.0353.0	25.386.2353.0	25.386.0353.0
	50	28.36	22.86	4	25.385.2453.0	25.385.0453.0	25.386.2453.0	25.386.0453.0
	50	35.98	30.48	5	25.385.2553.0	25.385.0553.0	25.386.2553.0	25.386.0553.0
	50	43.60	38.10	6	25.385.2653.0	25.385.0653.0	25.386.2653.0	25.386.0653.0
	50	51.22	45.72	7	25.385.2753.0	25.385.0753.0	25.386.2753.0	25.386.0753.0
	50	58.84	53.34	8	25.385.2853.0	25.385.0853.0	25.386.2853.0	25.386.0853.0
	50	66.46	60.96	9	25.385.2953.0	25.385.0953.0	25.386.2953.0	25.386.0953.0
	50	74.08	68.58	10	25.385.3053.0	25.385.1053.0	25.386.3053.0	25.386.1053.0
	50	81.70	76.20	11	25.385.3153.0	25.385.1153.0	25.386.3153.0	25.386.1153.0
	50	89.32	83.82	12	25.385.3253.0	25.385.1253.0	25.386.3253.0	25.386.1253.0
Accessories:								
Coding part (branch)	100				05.561.9153.0		05.561.9153.0	

Crimp connection

wiecon

Rated cross section:
2.5 mm²

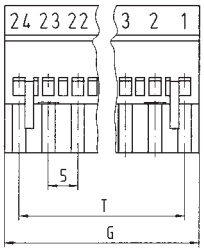
Rated current:
10 A when using a 1.0 mm² Leiter

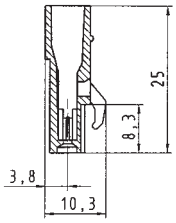
12 A when using a 2.5 mm² Leiter

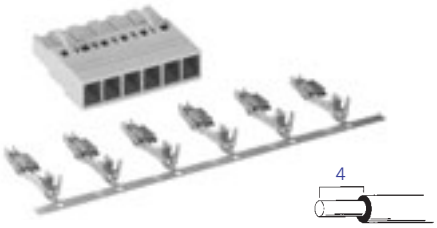
Contact for wire range:
0.5 – 1.0 mm² finely stranded
(Diameter of insulation 1.4 – 2.3 mm)

Wire range:
1.5 – 2.5 mm² finely stranded
(Diameter of insulation 1.4 – 3.1 mm)

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Type 8113 BK

Rated voltages VDE 0110
UL Data
CSA Data
Approvals

Box Qty	G	T	Pole	Part No. unmarked	Part No. marked	Part No.	Part No.
Pitch 5.00 mm							
100	10	5	2	01.060.3253.0	01.060.0253.0		
100	15	10	3	01.060.3353.0	01.060.0353.0		
50	20	15	4	01.060.3453.0	01.060.0453.0		
50	25	20	5	01.060.3553.0	01.060.0553.0		
50	30	25	6	01.060.3653.0	01.060.0653.0		
50	35	30	7	01.060.3753.0	01.060.0753.0		
50	40	35	8	01.060.3853.0	01.060.0853.0		
50	45	40	9	01.060.3953.0	01.060.0953.0		
50	50	45	10	01.060.4053.0	01.060.1053.0		
50	55	50	11	01.060.4153.0	01.060.1153.0		
50	60	55	12	01.060.4253.0	01.060.1253.0		
50	65	60	13	01.060.4353.0	01.060.1353.0		
50	70	65	14	01.060.4453.0	01.060.1453.0		
50	75	70	15	01.060.4553.0	01.060.1553.0		
50	80	75	16	01.060.4653.0	01.060.1653.0		
				17 to 24 pole on request			
Accessories:							
Crimp contacts							
Single contacts 500		0.5 – 1.0 mm²		02.125.1629.0			
Single contacts 500		1.5 – 2.5 mm²		02.125.1729.0			
Strip 4000		0.5 – 1.0 mm²		02.125.1600.0			
Strip 3500		1.5 – 2.5 mm²		02.125.1700.0			
Crimping tool:							
Crimping tool				95.101.0800.0			
Crimp dies				05.502.2500.0			

Pluggable PCB terminals – spring clamp system pitch 5.00/5.08 mm

wiecon PCB

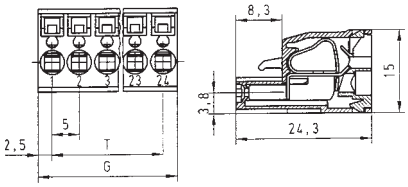
Rated cross section*:
2.5 mm²

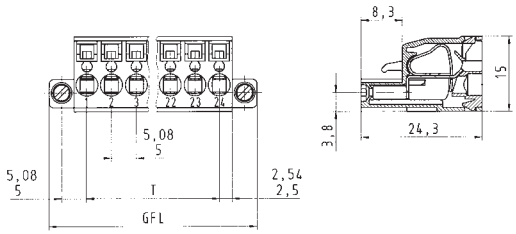
Rated current:
12 A

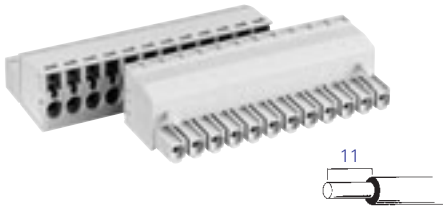
Wire range:
0.14 – 2.5 mm² single core/finely stranded

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I

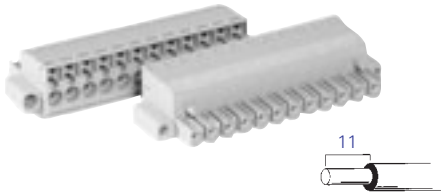
* When using ferrules for wire range 2.5 mm, only ferrules with part number 2.5 mm 05.596.6127.0 should be used.







Type 8113/8213 BFK



Type 8113/8213 BFK .../F

Rated voltages VDE 0110
UL Data
CSA Data
Approvals

No. 22 – 12 AWG 300 V 12 A

No. 22 – 12 AWG 300 V 12 A

Box Qty	GFL	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 5.00 mm					unmarked	marked	unmarked	marked
100	22.54	10	5	2	25.820.3253.0	25.820.0253.0	25.821.3253.0	25.821.0253.0
100	27.54	15	10	3	25.820.3353.0	25.820.0353.0	25.821.3353.0	25.821.0353.0
50	32.54	20	15	4	25.820.3453.0	25.820.0453.0	25.821.3453.0	25.821.0453.0
50	37.54	25	20	5	25.820.3553.0	25.820.0553.0	25.821.3553.0	25.821.0553.0
50	42.54	30	25	6	25.820.3653.0	25.820.0653.0	25.821.3653.0	25.821.0653.0
50	47.54	35	30	7	25.820.3753.0	25.820.0753.0	25.821.3753.0	25.821.0753.0
50	52.54	40	35	8	25.820.3853.0	25.820.0853.0	25.821.3853.0	25.821.0853.0
50	57.54	45	40	9	25.820.3953.0	25.820.0953.0	25.821.3953.0	25.821.0953.0
50	62.54	50	45	10	25.820.4053.0	25.820.1053.0	25.821.4053.0	25.821.1053.0
50	67.54	55	50	11	25.820.4153.0	25.820.1153.0	25.821.4153.0	25.821.1153.0
50	72.54	60	55	12	25.820.4253.0	25.820.1253.0	25.821.4253.0	25.821.1253.0
50	77.54	65	60	13	25.820.4353.0	25.820.1353.0	25.821.4353.0	25.821.1353.0
50	82.54	70	65	14	25.820.4453.0	25.820.1453.0	25.821.4453.0	25.821.1453.0
50	87.54	75	70	15	25.820.4553.0	25.820.1553.0	25.821.4553.0	25.821.1553.0
50	92.54	80	75	16	25.820.4653.0	25.820.1653.0	25.821.4653.0	25.821.1653.0
					17 to 24 pole on request		17 to 24 pole on request	
Pitch 5.08 mm					unmarked	marked	unmarked	marked
100	22.70	10.16	5.08	2	25.840.3253.0	25.840.0253.0	25.841.3253.0	25.841.0253.0
100	27.78	15.24	10.16	3	25.840.3353.0	25.840.0353.0	25.841.3353.0	25.841.0353.0
50	32.86	20.32	15.24	4	25.840.3453.0	25.840.0453.0	25.841.3453.0	25.841.0453.0
50	37.94	25.40	20.32	5	25.840.3553.0	25.840.0553.0	25.841.3553.0	25.841.0553.0
50	43.02	30.48	25.40	6	25.840.3653.0	25.840.0653.0	25.841.3653.0	25.841.0653.0
50	48.10	35.56	30.48	7	25.840.3753.0	25.840.0753.0	25.841.3753.0	25.841.0753.0
50	53.18	40.64	35.56	8	25.840.3853.0	25.840.0853.0	25.841.3853.0	25.841.0853.0
50	58.26	45.72	40.64	9	25.840.3953.0	25.840.0953.0	25.841.3953.0	25.841.0953.0
50	63.34	50.80	45.72	10	25.840.4053.0	25.840.1053.0	25.841.4053.0	25.841.1053.0
50	68.42	55.88	50.80	11	25.840.4153.0	25.840.1153.0	25.841.4153.0	25.841.1153.0
50	73.50	60.96	55.88	12	25.840.4253.0	25.840.1253.0	25.841.4253.0	25.841.1253.0
50	78.58	66.04	60.96	13	25.840.4353.0	25.840.1353.0	25.841.4353.0	25.841.1353.0
50	83.66	71.12	66.04	14	25.840.4453.0	25.840.1453.0	25.841.4453.0	25.841.1453.0
50	88.74	76.20	71.12	15	25.840.4553.0	25.840.1553.0	25.841.4553.0	25.841.1553.0
50	93.82	81.28	76.20	16	25.840.4653.0	25.840.1653.0	25.841.4653.0	25.841.1653.0
					17 to 24 pole on request		17 to 24 pole on request	

Pluggable PCB terminal - spring clamp system pitch 5.08 mm

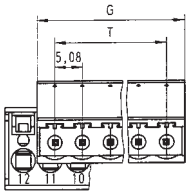
cable size

2.5 mm²

Rated cross section*:
2.5 mm²

Rated current:
12 A

Wire range:
0.14 – 2.5 mm² single core/finely stranded



250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I

* When using ferrules for wire range 2.5 mm, only ferrules with part number 2.5 mm 05.596.6127.0 should be used.



Type 8213 SUFK

Rated voltages VDE 0110			
UL Data	No. 22 – 12 AWG	300 V	12 A
CSA Data	No. 22 – 12 AWG	300 V	12 A
Approvals in preparation			

Box Qty	G	T	Pole	Part No. unmarked	Part No. marked
Pitch 5.08 mm					
100	10.16	5.08	2	25.857.3253.0	25.857.0253.0
100	15.24	10.16	3	25.857.3353.0	25.857.0353.0
50	20.32	15.24	4	25.857.3453.0	25.857.0453.0
50	25.40	20.32	5	25.857.3553.0	25.857.0553.0
50	30.48	25.40	6	25.857.3653.0	25.857.0653.0
50	35.56	30.48	7	25.857.3753.0	25.857.0753.0
50	40.64	35.56	8	25.857.3853.0	25.857.0853.0
50	45.72	40.64	9	25.857.3953.0	25.857.0953.0
50	50.80	45.72	10	25.857.4053.0	25.857.1053.0
50	55.88	50.80	11	25.857.4153.0	25.857.1153.0
50	60.96	55.88	12	25.857.4253.0	25.857.1253.0
50	66.04	60.96	13	25.857.4353.0	25.857.1353.0
50	71.12	66.04	14	25.857.4453.0	25.857.1453.0
50	76.20	71.12	15	25.857.4553.0	25.857.1553.0
50	81.28	76.20	16	25.857.4653.0	25.857.1653.0
	17 to 24 pole on request				

Accessories:

Coding part (branch)	100	05.561.9153.0
Screwdriver DIN 5264 A 0.6 x 3.5	5	06.502.4000.0

Pluggable PCB terminal - spring clamp system pitch 7.62 mm

wiecon PCB

Rated cross section*:
2.5 mm²

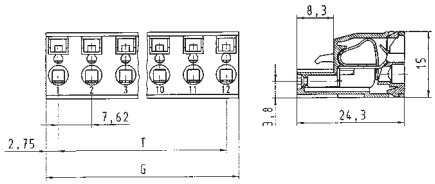
Rated current:
12 A

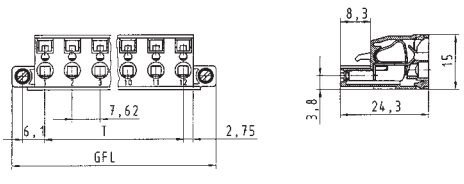
Wire range:
0.14 – 2.5 mm² single core/finely stranded

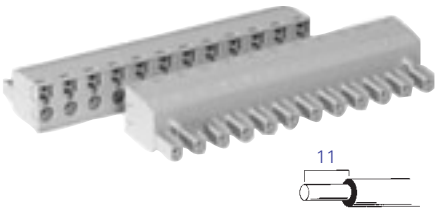
400 V/6 kV/3 – overvoltage category III
** 690 V/6 kV/2 – overvoltage category II
1000 V/6 kV/1 – overvoltage category I

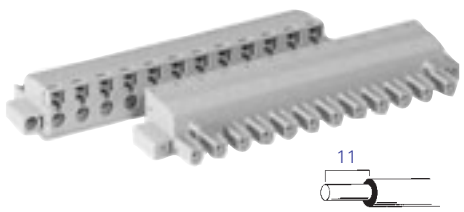
* When using ferrules for wire range 2.5 mm, only ferrules with part number 05.596.6127.0 should be used.

** max. 600 V for non-earthed systems or expected overvoltage ≤ 3 kV for L ≥ 2.00 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm









Type 8413 BFK

Type 8413 BFK/... F

VDE 0110
UL Data — No. 22 – 12 AWG — 300 V — 12 A — No. 22 – 12 AWG — 300 V — 12 A
CSA Data
Approvals

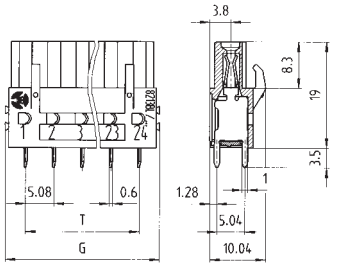
Box Qty	GFL	G	T	Pole	Part No. unmarked	Part No. marked	Part No. unmarked	Part No. marked
Pitch 7.62 mm								
100	25.66	13.12	7.62	2	25.880.3253.0	25.880.0253.0	25.881.3253.0	25.881.0253.0
100	33.28	20.74	15.24	3	25.880.3353.0	25.880.0353.0	25.881.3353.0	25.881.0353.0
50	40.90	28.36	22.86	4	25.880.3453.0	25.880.0453.0	25.881.3453.0	25.881.0453.0
50	48.52	35.98	30.48	5	25.880.3553.0	25.880.0553.0	25.881.3553.0	25.881.0553.0
50	56.14	43.60	38.10	6	25.880.3653.0	25.880.0653.0	25.881.3653.0	25.881.0653.0
50	63.76	51.22	45.72	7	25.880.3753.0	25.880.0753.0	25.881.3753.0	25.881.0753.0
50	71.38	58.84	53.34	8	25.880.3853.0	25.880.0853.0	25.881.3853.0	25.881.0853.0
50	79.00	66.46	60.96	9	25.880.3953.0	25.880.0953.0	25.881.3953.0	25.881.0953.0
50	86.62	74.08	68.58	10	25.880.4053.0	25.880.1053.0	25.881.4053.0	25.881.1053.0
50	94.24	81.70	76.20	11	25.880.4153.0	25.880.1153.0	25.881.4153.0	25.881.1153.0
50	101.86	89.32	83.82	12	25.880.4253.0	25.880.1253.0	25.881.4253.0	25.881.1253.0

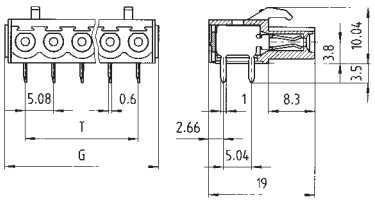
Pluggable PCB terminal, inverted header, solder version pitch 5.08 mm

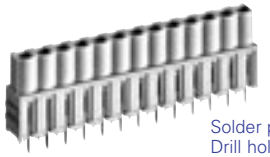
cable size

Rated current:
12 A

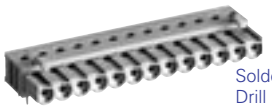
250 V/4 kV/3 – overvoltage category III
*690 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Solder pin 0.6 x 1 mm
Drill hole Ø 1.2 mm



Solder pin 0.6 x 1 mm
Drill hole Ø 1.2 mm

* max. 600V for non earthed systems or expected overvoltage
≤ 3 kV for L ≥ 2.00 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm

	Type 8213 BL/... G Connection vertical to PCB		Type 8213 BL/... W Connection vertical to PCB	
Rated voltages VDE 0110				
UL Data	300 V	15 A	300 V	15 A
CSA Data	300 V	15 A	300 V	15 A
Approvals				

Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
Pitch 5.08 mm				unmarked	marked	unmarked	marked
100	12.36	5.08	2	25.342.3253.0	25.342.0253.0	25.343.3253.0	25.343.0253.0
100	17.44	10.16	3	25.342.3353.0	25.342.0353.0	25.343.3353.0	25.343.0353.0
50	22.52	15.24	4	25.342.3453.0	25.342.0453.0	25.343.3453.0	25.343.0453.0
50	27.60	20.32	5	25.342.3553.0	25.342.0553.0	25.343.3553.0	25.343.0553.0
50	32.68	25.40	6	25.342.3653.0	25.342.0653.0	25.343.3653.0	25.343.0653.0
50	37.76	30.48	7	25.342.3753.0	25.342.0753.0	25.343.3753.0	25.343.0753.0
50	42.84	35.56	8	25.342.3853.0	25.342.0853.0	25.343.3853.0	25.343.0853.0
50	47.92	40.64	9	25.342.3953.0	25.342.0953.0	25.343.3953.0	25.343.0953.0
50	53.00	45.72	10	25.342.4053.0	25.342.1053.0	25.343.4053.0	25.343.1053.0
50	58.08	50.80	11	25.342.4153.0	25.342.1153.0	25.343.4153.0	25.343.1153.0
50	63.16	55.88	12	25.342.4253.0	25.342.1253.0	25.343.4253.0	25.343.1253.0
50	68.24	60.96	13	25.342.4353.0	25.342.1353.0	25.343.4353.0	25.343.1353.0
50	73.32	66.04	14	25.342.4453.0	25.342.1453.0	25.343.4453.0	25.343.1453.0
50	78.40	71.12	15	25.342.4553.0	25.342.1553.0	25.343.4553.0	25.343.1553.0
50	83.48	76.20	16	25.342.4653.0	25.342.1653.0	25.343.4653.0	25.343.1653.0
	17 to 24 pole on request						
Accessories:							
Coding part (branch)	100			05.561.9153.0		05.561.9153.0	
Mounting bracket	100			Z5.523.7853.0		Z5.523.7753.0	

Pluggable PCB terminals, TOP connection system pitch 5.00/5.08 mm

wiecon PCB

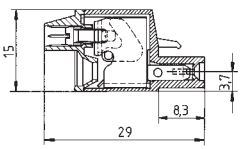
Rated cross section:
2.5 mm²

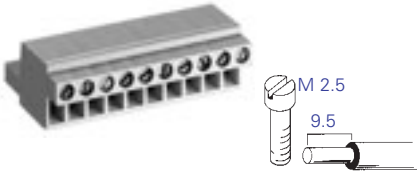
Rated current:
12 A, On state current 2.2 mA per LED

Rated voltages:
Type 8113 B/... TOP, 8213 B/... TOP
250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I

Type 8113 B/... TOP LED
24 V/4 kV/3 – overvoltage category III
24 V/4 kV/2 – overvoltage category II
24 V/4 kV/1 – overvoltage category I

Wire range:
0.14 – 2.5 mm² single core/finely stranded

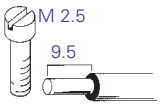




Type 8113 B/... TOP, 8213 B/... TOP
Connection in line with conductor



TOP connector with LED common negative pole



Type 8113 B/... TOP LED
Connection in line with conductor

Rated voltages VDE 0110			
UL Data	No. 22 – 12 AWG	300 V	15 A
CSA Data	No. 22 – 12 AWG	300 V	15 A
Approvals			

No. 22 – 12 AWG	24 V	15 A	
No. 22 – 12 AWG	24 V	15 A	

Box Qty	TOP	G	T	Pole	Part No. unmarked	Part No. marked	Part No. unmarked	Part No. marked
Pitch 5.00 mm								
100	250	10	5	2	25.220.3253.0	25.220.0253.0	25.230.3253.0	25.230.0253.0
100	250	15	10	3	25.220.3353.0	25.220.0353.0	25.230.3353.0	25.230.0353.0
50	200	20	15	4	25.220.3453.0	25.220.0453.0	25.230.3453.0	25.230.0453.0
50	200	25	20	5	25.220.3553.0	25.220.0553.0	25.230.3553.0	25.230.0553.0
50	200	30	25	6	25.220.3653.0	25.220.0653.0	25.230.3653.0	25.230.0653.0
50	100	35	30	7	25.220.3753.0	25.220.0753.0	25.230.3753.0	25.230.0753.0
50	100	40	35	8	25.220.3853.0	25.220.0853.0	25.230.3853.0	25.230.0853.0
50	100	45	40	9	25.220.3953.0	25.220.0953.0	25.230.3953.0	25.230.0953.0
50	100	50	45	10	25.220.4053.0	25.220.1053.0	25.230.4053.0	25.230.1053.0
50	100	55	50	11	25.220.4153.0	25.220.1153.0	25.230.4153.0	25.230.1153.0
50	100	60	55	12	25.220.4253.0	25.220.1253.0	25.230.4253.0	25.230.1253.0
50	50	65	60	13	25.220.4353.0	25.220.1353.0	25.230.4353.0	25.230.1353.0
50	50	70	65	14	25.220.4453.0	25.220.1453.0	25.230.4453.0	25.230.1453.0
50	50	75	70	15	25.220.4553.0	25.220.1553.0	25.230.4553.0	25.230.1553.0
50	50	80	75	16	25.220.4653.0	25.220.1653.0	25.230.4653.0	25.230.1653.0
		117 to 24 pole on request						
Pitch 5.08 mm					unmarked	marked		
100	250	10.16	5.08	2	25.240.3253.0	25.240.0253.0		
100	250	15.24	10.16	3	25.240.3353.0	25.240.0353.0		
50	200	20.32	15.24	4	25.240.3453.0	25.240.0453.0		
50	200	25.40	20.32	5	25.240.3553.0	25.240.0553.0		
50	200	30.48	25.40	6	25.240.3653.0	25.240.0653.0		
50	100	35.56	30.48	7	25.240.3753.0	25.240.0753.0		
50	100	40.64	35.56	8	25.240.3853.0	25.240.0853.0		
50	100	45.72	40.64	9	25.240.3953.0	25.240.0953.0		
50	100	50.80	45.72	10	25.240.4053.0	25.240.1053.0		
50	100	55.88	50.80	11	25.240.4153.0	25.240.1153.0		
50	100	60.96	55.88	12	25.240.4253.0	25.240.1253.0		
50	50	66.04	60.96	13	25.240.4353.0	25.240.1353.0		
50	50	71.12	66.04	14	25.240.4453.0	25.240.1453.0		
50	50	76.20	71.12	15	25.240.4553.0	25.240.1553.0		
50	50	81.28	76.20	16	25.240.4653.0	25.240.1653.0		
		17 to 24 pole on request						

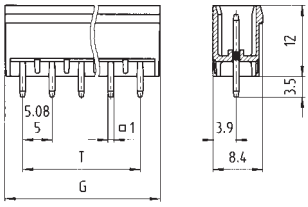
PCB headers
pitch 5.00/5.08 mm

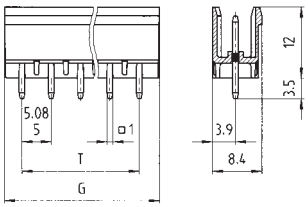
wiecon

cable size

Rated current:
12 A

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

closed version

Type 8113 S/... G, 8213 S/... G

Connection vertical to PCB



Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

open version

Type 8113 S/... GOF, 8213 S/... GOF

Connection vertical to PCB

Rated voltages VDE 0110
UL Data — 300 V 15 A
CSA Data — 300 V 15 A
Approvals

UL Data — 300 V 15 A
CSA Data — 300 V 15 A
Approvals

Box Qty	G	T	Pole	Part No.	G	T	Part No.
Pitch 5.00 mm				unmarked			unmarked
100	10.16	5	2	25.330.3253.0	10	5	99.202.9996.0
100	15.24	10	3	25.330.3353.0	15	10	99.203.9996.0
50	20.32	15	4	25.330.3453.0	20	15	99.204.9996.0
50	25.40	20	5	25.330.3553.0	25	20	99.205.9996.0
50	30.48	25	6	25.330.3653.0	30	25	99.206.9996.0
50	35.56	30	7	25.330.3753.0	35	30	99.207.9996.0
50	40.64	35	8	25.330.3853.0	40	35	99.208.9996.0
50	45.72	40	9	25.330.3953.0	45	40	99.209.9996.0
50	50.80	45	10	25.330.4053.0	50	45	99.210.9996.0
50	55.88	50	11	25.330.4153.0	55	50	99.211.9996.0
50	60.96	55	12	25.330.4253.0	60	55	99.212.9996.0
50	66.04	60	13	25.330.4353.0	65	60	99.213.9996.0
50	71.12	65	14	25.330.4453.0	70	65	99.214.9996.0
50	76.20	70	15	25.330.4553.0	75	70	99.215.9996.0
50	81.28	75	16	25.330.4653.0	80	75	99.216.9996.0
	17 to 24 pole on request						17 to 24 pole on request
Pitch 5.08 mm				unmarked			unmarked
100	11.56	5.08	2	25.350.3253.0	10.16	5.08	99.232.9996.1
100	16.64	10.16	3	25.350.3353.0	15.24	10.16	99.233.9996.1
50	21.72	15.24	4	25.350.3453.0	20.32	15.24	99.234.9996.1
50	26.80	20.32	5	25.350.3553.0	25.40	20.32	99.235.9996.1
50	31.88	25.40	6	25.350.3653.0	30.48	25.40	99.236.9996.1
50	36.96	30.48	7	25.350.3753.0	35.56	30.48	99.237.9996.1
50	42.04	35.56	8	25.350.3853.0	40.64	35.56	99.238.9996.1
50	47.12	40.64	9	25.350.3953.0	45.72	40.64	99.239.9996.1
50	52.20	45.72	10	25.350.4053.0	50.80	45.72	99.240.9996.1
50	57.28	50.80	11	25.350.4153.0	55.88	50.80	99.241.9996.1
50	62.36	55.88	12	25.350.4253.0	60.96	55.88	99.242.9996.1
50	67.44	60.96	13	25.350.4353.0	66.04	60.96	99.243.9996.1
50	72.52	66.04	14	25.350.4453.0	70.12	66.04	99.244.9996.1
50	77.60	71.12	15	25.350.4553.0	75.20	71.12	99.245.9996.1
50	82.68	76.20	16	25.350.4653.0	80.28	76.20	99.246.9996.1
	17 to 24 pole on request						17 to 24 pole on request
Accessories:							
Coding part (branch) 100				05.561.0053.0			05.561.0053.0
Mounting bracket assembly - for double ended screw fixing of header 100				Z5.523.2453.0			

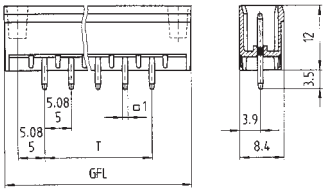
PCB headers
pitch 5.00/5.08 mm

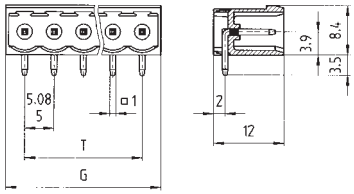
wiecon PCB

cable size

Rated current:
12 A

Rated voltages:
250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

with screw flange

Type 8113 S/... GF, 8213 S/... GF

Connection vertical to PCB



Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

closed version

Type 8113 S/... W, 8213 S/... W

Connection horizontal to PCB

Rated voltages VDE 0110 — 300 V 15 A — 300 V 15 A
UL Data — 300 V 15 A
CSA Data — 300 V 15 A
Approvals

Box Qty	G	T	Pole	Part No.	GFL	T	Part No.
Pitch 5.00 mm				unmarked			unmarked
100	11.40	5	2	25.338.3253.0	20	5	25.332.3253.0
100	16.40	10	3	25.338.3353.0	25	10	25.332.3353.0
50	21.40	15	4	25.338.3453.0	30	15	25.332.3453.0
50	26.40	20	5	25.338.3553.0	35	20	25.332.3553.0
50	31.40	25	6	25.338.3653.0	40	25	25.332.3653.0
50	36.40	30	7	25.338.3753.0	45	30	25.332.3753.0
50	41.40	35	8	25.338.3853.0	50	35	25.332.3853.0
50	46.40	40	9	25.338.3953.0	55	40	25.332.3953.0
50	51.40	45	10	25.338.4053.0	60	45	25.332.4053.0
50	56.40	50	11	25.338.4153.0	65	50	25.332.4153.0
50	61.40	55	12	25.338.4253.0	70	55	25.332.4253.0
50	66.40	60	13	25.338.4353.0	75	60	25.332.4353.0
50	71.40	65	14	25.338.4453.0	80	65	25.332.4453.0
50	76.40	70	15	25.338.4553.0	85	70	25.332.4553.0
50	81.40	75	16	25.338.4653.0	90	75	25.332.4653.0
				17 to 22 pole on request			17 to 24 pole on request
Pitch 5.08 mm				unmarked			unmarked
100	11.56	5.08	2	25.359.3253.0	20.32	5.08	25.352.3253.0
100	16.64	10.16	3	25.359.3353.0	25.40	10.16	25.352.3353.0
50	21.72	15.24	4	25.359.3453.0	30.48	15.24	25.352.3453.0
50	26.80	20.32	5	25.359.3553.0	35.56	20.32	25.352.3553.0
50	31.88	25.40	6	25.359.3653.0	40.64	25.40	25.352.3653.0
50	36.96	30.48	7	25.359.3753.0	45.72	30.48	25.352.3753.0
50	42.04	35.56	8	25.359.3853.0	50.80	35.56	25.352.3853.0
50	47.12	40.64	9	25.359.3953.0	55.88	40.64	25.352.3953.0
50	52.20	45.72	10	25.359.4053.0	60.96	45.72	25.352.4053.0
50	57.28	50.80	11	25.359.4153.0	66.04	50.80	25.352.4153.0
50	62.36	55.88	12	25.359.4253.0	71.12	55.88	25.352.4253.0
50	67.44	60.96	13	25.359.4353.0	76.20	60.96	25.352.4353.0
50	72.52	66.04	14	25.359.4453.0	81.28	66.04	25.352.4453.0
50	77.60	71.12	15	25.359.4553.0	86.36	71.12	25.352.4553.0
50	82.68	76.20	16	25.359.4653.0	91.44	76.20	25.352.4653.0
				17 to 22 pole on request			17 to 24 pole on request
Accessories:							
Coding part (branch) 100				05.561.0053.0			05.561.0053.0
Mounting bracket assembly - for double ended screw fixing of header 100				Z5.523.2453.0			Z5.523.2453.0

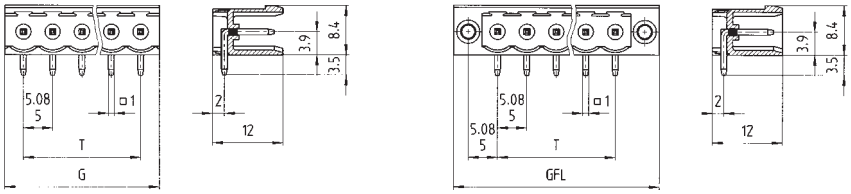
PCB header
pitch 5.00/5.08 mm

wiecon

cable size

Rated current:
12 A

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I





Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

open version

Type 8113 S/... WOF, 8213 S/... WOF

Connection horizontal to PCB



Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

with screw flange

Type 8113 S/... WF, 8213 S/... WF

Connection horizontal to PCB

Rated voltages VDE 0110									
UL Data				300 V	15 A			300 V	15 A
CSA Data				300 V	15 A			300 V	15 A
Approvals									

Box Qty	G	T	Pole	Part No.	GFL	G	T	Part No.
Pitch 5.00 mm				unmarked				unmarked
100	11.40	5	2	99.262.9996.0	20	10	5	25.339.3253.0
100	16.40	10	3	99.263.9996.0	25	15	10	25.339.3353.0
50	21.40	15	4	99.264.9996.0	30	20	15	25.339.3453.0
50	26.40	20	5	99.265.9996.0	35	25	20	25.339.3553.0
50	31.40	25	6	99.266.9996.0	40	30	25	25.339.3653.0
50	36.40	30	7	99.267.9996.0	45	35	30	25.339.3753.0
50	41.40	35	8	99.268.9996.0	50	40	35	25.339.3853.0
50	46.40	40	9	99.269.9996.0	55	45	40	25.339.3953.0
50	51.40	45	10	99.270.9996.0	60	50	45	25.339.4053.0
50	56.40	50	11	99.271.9996.0	65	55	50	25.339.4153.0
50	61.40	55	12	99.272.9996.0	70	60	55	25.339.4253.0
50	66.40	60	13	99.273.9996.0	75	65	60	25.339.4353.0
50	71.40	65	14	99.274.9996.0	80	70	65	25.339.4453.0
50	76.40	70	15	99.275.9996.0	85	75	70	25.339.4553.0
50	81.40	75	16	99.276.9996.0	90	80	75	25.339.4653.0
17 to 24 pole on request								17 to 22 pole on request
Pitch 5.08 mm				unmarked				unmarked
100	11.56	5.08	2	99.202.9996.2	20.32	10.16	5.08	25.358.3253.0
100	16.64	10.16	3	99.203.9996.2	25.40	15.24	10.16	25.358.3353.0
50	21.72	15.24	4	99.204.9996.2	30.48	20.32	15.24	25.358.3453.0
50	26.80	20.32	5	99.205.9996.2	35.56	25.40	20.32	25.358.3553.0
50	31.88	25.40	6	99.206.9996.2	40.64	30.48	25.40	25.358.3653.0
50	36.96	30.48	7	99.207.9996.2	45.72	35.56	30.48	25.358.3753.0
50	42.04	35.56	8	99.208.9996.2	50.80	40.64	35.56	25.358.3853.0
50	47.12	40.64	9	99.209.9996.2	55.88	45.72	40.64	25.358.3953.0
50	52.20	45.72	10	99.210.9996.2	60.96	50.80	45.72	25.358.4053.0
50	57.28	50.80	11	99.211.9996.2	66.04	55.88	50.80	25.358.4153.0
50	62.36	55.88	12	99.212.9996.2	71.12	60.96	55.88	25.358.4253.0
50	67.44	60.96	13	99.213.9996.2	76.20	66.04	60.96	25.358.4353.0
50	72.52	66.04	14	99.214.9996.2	81.28	71.12	66.04	25.358.4453.0
50	77.60	71.12	15	99.215.9996.2	86.36	76.20	71.12	25.358.4553.0
50	82.68	76.20	16	99.216.9996.2	91.44	81.28	76.20	25.358.4653.0
17 to 24 pole on request								17 to 22 pole on request
Accessories:								
Coding part (branch) 100				05.561.0053.0	05.561.0053.0			
Mounting bracket assembly - for double ended screw fixing of header 100				Z5.523.2453.0				

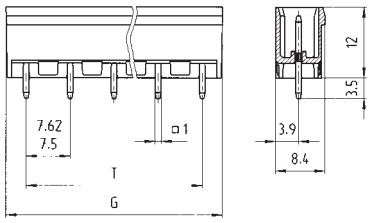
PCB headers
pitch 7.50/7.62 mm

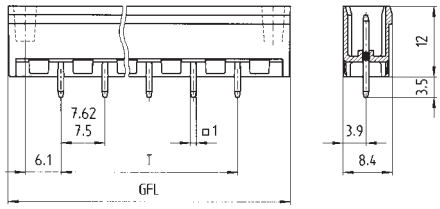
wiecon PCB

cable size

Rated current:
12 A

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

closed version

Type 8313 S/... G, 8413 S/... G

Connection vertical to PCB



Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

with screw flange

Type 8313 S/... GF, 8413 S/... GF

Connection vertical to PCB

Rated voltages VDE 0110
UL Data
CSA Data
Approvals

300 V 15 A
300 V 15 A

300 V 15 A
300 V 15 A

Box Qty	G	T	Pole	Part No.	GFL	T	Part No.
Pitch 7.50 mm				unmarked			unmarked
100	14.20	7.50	2	25.370.3253.0	25.54	7.50	25.374.6253.0
100	21.70	15.00	3	25.370.3353.0	33.04	15.00	25.374.6353.0
50	29.20	22.50	4	25.370.3453.0	40.54	22.50	25.374.6453.0
50	36.70	30.00	5	25.370.3553.0	48.04	30.00	25.374.6553.0
50	44.20	37.50	6	25.370.3653.0	55.54	37.50	25.374.6653.0
50	51.70	45.00	7	25.370.3753.0	63.04	45.00	25.374.6753.0
50	59.20	52.50	8	25.370.3853.0	70.54	52.50	25.374.6853.0
50	66.70	60.00	9	25.370.3953.0	78.04	60.00	25.374.6953.0
50	74.20	67.50	10	25.370.4053.0	85.54	67.50	25.374.7053.0
50	81.70	75.00	11	25.370.4153.0	93.04	75.00	25.374.7153.0
50	89.20	82.50	12	25.370.4253.0	100.54	82.50	25.374.7253.0
Pitch 7.62 mm				unmarked			unmarked
100	14.32	7.62	2	25.390.3253.0	25.66	7.62	25.398.6253.0
100	21.94	15.24	3	25.390.3353.0	33.25	15.24	25.398.6353.0
50	29.56	22.86	4	25.390.3453.0	40.90	22.86	25.398.6453.0
50	37.18	30.48	5	25.390.3553.0	48.52	30.48	25.398.6553.0
50	44.80	38.10	6	25.390.3653.0	56.14	38.10	25.398.6653.0
50	52.42	45.72	7	25.390.3753.0	63.76	45.72	25.398.6753.0
50	60.04	53.34	8	25.390.3853.0	71.38	53.34	25.398.6853.0
50	67.66	60.64	9	25.390.3953.0	79.00	60.64	25.398.6953.0
50	75.28	68.58	10	25.390.4053.0	86.62	68.58	25.398.7053.0
50	82.90	76.20	11	25.390.4153.0	94.24	76.20	25.398.7153.0
50	90.52	83.82	12	25.390.4253.0	101.86	83.82	25.398.7253.0
Accessories:							
Coding part (branch) 100				05.561.0053.0			05.561.0053.0
Mounting bracket assembly - for double ended screw fixing of header 100				Z5.523.2453.0			

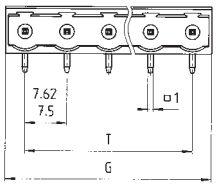
PCB headers
pitch 7.50/7.62 mm

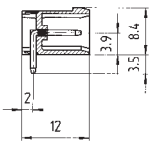
wiecon

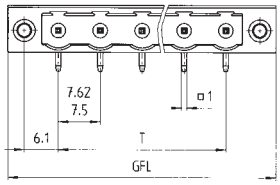
cable size

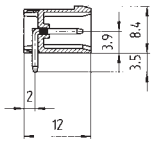
Rated current:
12 A

400 V/6 kV/3 – overvoltage category III
690 V/6 kV/2 – overvoltage category II
1000 V/6 kV/1 – overvoltage category I











Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

closed version

Type 8313 S/... W, 8413 S/... W

Connection horizontal to PCB



Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

with screw flange

Type 8313 S/... WF, 8413 S/... WF

Connection horizontal to PCB

Rated voltages VDE 0110
UL Data — 300 V 15 A
CSA Data — 300 V 15 A
Approvals

Box Qty	G	T	Pole	Part No.	GFL	T	Part No.
Pitch 7.50 mm				unmarked			unmarked
100	14.40	7.50	2	25.372.3253.0	25.54	7.50	25.374.2253.0
100	21.90	15.00	3	25.372.3353.0	33.04	15.00	25.374.2353.0
50	29.40	22.50	4	25.372.3453.0	40.54	22.50	25.374.2453.0
50	36.90	30.00	5	25.372.3553.0	48.04	30.00	25.374.2553.0
50	44.40	37.50	6	25.372.3653.0	55.54	37.50	25.374.2653.0
50	51.90	45.00	7	25.372.3753.0	63.04	45.00	25.374.2753.0
50	59.40	52.50	8	25.372.3853.0	70.54	52.50	25.374.2853.0
50	66.90	60.00	9	25.372.3953.0	78.04	60.00	25.374.2953.0
50	74.40	67.50	10	25.372.4053.0	85.54	67.50	25.374.3053.0
50	81.90	75.00	11	25.372.4153.0	93.04	75.00	25.374.3153.0
50	89.40	82.50	12	25.372.4253.0	100.54	82.50	25.374.3253.0
Pitch 7.62 mm				unmarked			unmarked
100	14.52	7.62	2	25.392.3253.0	25.66	7.62	25.398.2253.0
100	22.14	15.24	3	25.392.3353.0	33.25	15.24	25.398.2353.0
50	29.76	22.86	4	25.392.3453.0	40.90	22.86	25.398.2453.0
50	37.38	30.48	5	25.392.3553.0	48.52	30.48	25.398.2553.0
50	45.00	38.10	6	25.392.3653.0	56.14	38.10	25.398.2653.0
50	52.62	45.72	7	25.392.3753.0	63.76	45.72	25.398.2753.0
50	60.24	53.34	8	25.392.3853.0	71.38	53.34	25.398.2853.0
50	67.86	60.64	9	25.392.3953.0	79.00	60.64	25.398.2953.0
50	75.48	68.58	10	25.392.4053.0	86.62	68.58	25.398.3053.0
50	83.10	76.20	11	25.392.4153.0	94.24	76.20	25.398.3153.0
50	90.72	83.82	12	25.392.4253.0	101.86	83.82	25.398.3253.0
Accessories:							
Coding part (branch) 100				05.561.0053.0			05.561.0053.0
Mounting bracket assembly - for double ended screw fixing of header 100				Z5.523.2453.0			

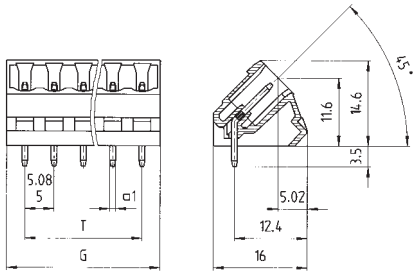
PCB headers
pitch 5.00/5.08 mm

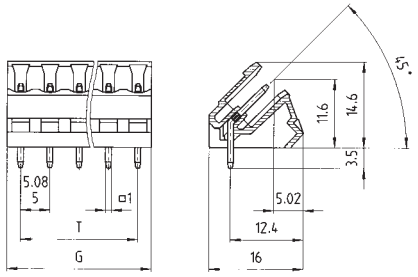
wiecon PCB

cable size

Rated current:
12 A

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I







Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm



Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

closed version

Type 8113 S/... S, 8213 S/... S

Connection at 45° to PCB

open version

Type 8113 S/... S1, 8213 S/... S1

Connection at 45° to PCB

Rated voltages VDE 0110
UL Data — 300 V 15 A
CSA Data — 300 V 15 A
Approvals

Rated voltages VDE 0110
UL Data — 300 V 15 A
CSA Data — 300 V 15 A
Approvals

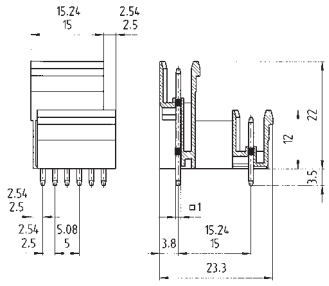
Box Qty	G	T	Pole	Part No.	G	T	Part No.
Pitch 5.00 mm				unmarked			unmarked
100	11.20	5	2	25.394.3253.0	9.60	5	25.395.3253.0
100	16.20	10	3	25.394.3353.0	14.60	10	25.395.3353.0
50	21.20	15	4	25.394.3453.0	19.60	15	25.395.3453.0
50	26.20	20	5	25.394.3553.0	24.60	20	25.395.3553.0
50	31.20	25	6	25.394.3653.0	29.60	25	25.395.3653.0
50	36.20	30	7	25.394.3753.0	34.60	30	25.395.3753.0
50	41.20	35	8	25.394.3853.0	39.60	35	25.395.3853.0
50	46.20	40	9	25.394.3953.0	44.60	40	25.395.3953.0
50	51.20	45	10	25.394.4053.0	49.60	45	25.395.4053.0
50	56.20	50	11	25.394.4153.0	54.60	50	25.395.4153.0
50	61.20	55	12	25.394.4253.0	59.60	55	25.395.4253.0
50	66.20	60	13	25.394.4353.0	64.60	60	25.395.4353.0
50	71.20	65	14	25.394.4453.0	69.60	65	25.395.4453.0
50	76.20	70	15	25.394.4553.0	74.60	70	25.395.4553.0
50	81.20	75	16	25.394.4653.0	79.60	75	25.395.4653.0
	17 to 24 pole on request						
Pitch 5.08 mm				unmarked			unmarked
100	11.36	5.08	2	25.396.3253.0	9.76	5.08	25.397.3253.0
100	16.44	10.16	3	25.396.3353.0	14.84	10.16	25.397.3353.0
50	21.52	15.24	4	25.396.3453.0	19.92	15.24	25.397.3453.0
50	26.60	20.32	5	25.396.3553.0	25.00	20.32	25.397.3553.0
50	31.68	25.40	6	25.396.3653.0	30.08	25.40	25.397.3653.0
50	36.76	30.48	7	25.396.3753.0	35.16	30.48	25.397.3753.0
50	41.84	35.56	8	25.396.3853.0	40.24	35.56	25.397.3853.0
50	46.92	40.64	9	25.396.3953.0	45.32	40.64	25.397.3953.0
50	52.00	45.72	10	25.396.4053.0	50.40	45.72	25.397.4053.0
50	57.08	50.80	11	25.396.4153.0	55.48	50.80	25.397.4153.0
50	62.19	55.88	12	25.396.4253.0	60.56	55.88	25.397.4253.0
50	67.24	60.96	13	25.396.4353.0	65.64	60.96	25.397.4353.0
50	72.32	66.04	14	25.396.4453.0	70.72	66.04	25.397.4453.0
50	77.40	71.12	15	25.396.4553.0	75.80	71.12	25.397.4553.0
50	82.48	76.20	16	25.396.4653.0	80.88	76.20	25.397.4653.0
	17 to 24 pole on request						
Accessories:							
Coding part (branch) 100				05.561.0053.0			05.561.0053.0

PCB headers
pitch 5.00/5.08 mm

wiecon

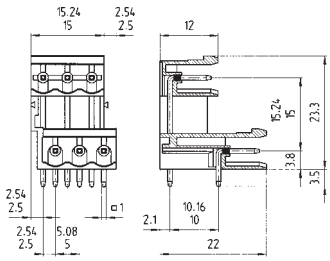
Rated current:
10 A

250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I





Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm





Solder pin 1 x 1 mm
Drill hole Ø 1.4 mm

Type 8113 SE/... G, 8213 SE/... G

Connection vertical to PCB

Rated voltages VDE 0110
UL Data 300 V 15 A
CSA Data 300 V 10 A
Approvals

Type 8113 SE/... W, 8213 SE/... W

Connection horizontal to PCB

300 V 15 A
300 V 10 A

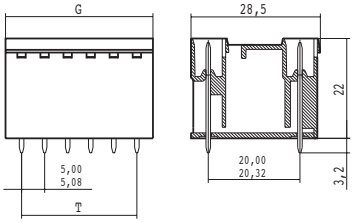
Box Qty	T	Pole	Part No.	Part No.
Pitch 5.00 mm			unmarked	unmarked
100	5	2 x 2	25.334.3253.0	25.336.3253.0
100	10	2 x 3	25.334.3353.0	25.336.3353.0
		Larger pole numbers can be achieved by latching together		
Pitch 5.08 mm			unmarked	unmarked
100	5.08	2 x 2	25.354.3253.0	25.356.3253.0
100	10.16	2 x 3	25.354.3353.0	25.356.3353.0
		Larger pole numbers can be achieved by latching together		
Accessories:				
End plate 50			07.310.9853.0	07.310.9853.0
Mounting bracket assembly - for double ended screw fixing of header			on request	Only in connection with end plate 07.310.9853.0 Z5.523.2453.0

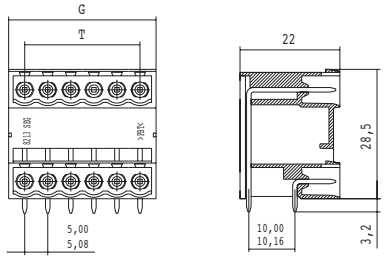
PCB Headers
pitch 5.00/5.08 mm

wiecon PCB

Rated current: 10 A

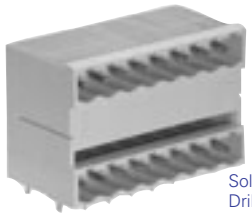
250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category III
400 V/4 kV/2 – overvoltage category II







Solder pin 1 x 1 mm
Drill hole Ø 1.3 mm



Solder pin 1 x 1 mm
Drill hole Ø 1.3 mm

Type 81-8213 SEG .../G

Type 81-8213 SEG .../W

Rated voltages VDE 0110 — 300 V 10 A / 300 V 10 A
UL Data
CSA Data
Approvals

Box Qty	G	T	Pole	Part No.	Part No.
Pitch 5.00 mm				unmarked	unmarked
100	12	5	4	27.334.0253.0	27.336.0253.0
100	17	10	6	27.334.0353.0	27.336.0353.0
50	22	15	8	27.334.0453.0	27.336.0453.0
50	27	20	10	27.334.0553.0	27.336.0553.0
50	32	25	12	27.334.0653.0	27.336.0653.0
50	37	30	14	27.334.0753.0	27.336.0753.0
50	42	35	16	27.334.0853.0	27.336.0853.0
50	47	40	18	27.334.0953.0	27.336.0953.0
50	52	45	20	27.334.1053.0	27.336.1053.0
50	57	50	22	27.334.1153.0	27.336.1153.0
50	62	55	24	27.334.1253.0	27.336.1253.0
50	67	60	26	27.334.1353.0	27.336.1353.0
50	72	65	28	27.334.1453.0	27.336.1453.0
50	77	70	30	27.334.1553.0	27.336.1553.0
50	82	75	32	27.334.1653.0	27.336.1653.0
				1 to 24 pole on request	
Pitch 5.08 mm				unmarked	unmarked
100	12.16	5.08	4	27.354.0253.0	27.356.0253.0
100	17.24	10.16	6	27.354.0353.0	27.356.0353.0
50	22.32	15.24	8	27.354.0453.0	27.356.0453.0
50	27.40	20.32	10	27.354.0553.0	27.356.0553.0
50	32.48	25.40	12	27.354.0653.0	27.356.0653.0
50	37.56	30.48	14	27.354.0753.0	27.356.0753.0
50	42.64	35.56	16	27.354.0853.0	27.356.0853.0
50	47.72	40.64	18	27.354.0953.0	27.356.0953.0
50	52.80	45.72	20	27.354.1053.0	27.356.1053.0
50	57.88	50.80	22	27.354.1153.0	27.356.1153.0
50	62.96	55.88	24	27.354.1253.0	27.356.1253.0
50	68.04	60.96	26	27.354.1353.0	27.356.1353.0
50	73.12	66.04	28	27.354.1453.0	27.356.1453.0
50	78.20	71.12	30	27.354.1553.0	27.356.1553.0
50	83.28	76.20	32	27.354.1653.0	27.356.1653.0
				1 to 24 pole on request	
				Coding available on request	Coding available on request

Headers for panel mounting, pitch 5.08 mm

wiecon

cable size

Wire wrap connection 1 x 1
Max. diameter of interconnecting wire Ø: 0.8 mm

Rated current: 6.5 A

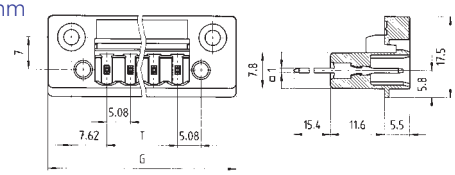
Solder connection
Rated cross section
1.5 mm² single core/
1.0 mm² finely stranded

Rated current: 12 A

Plug connection 2.8 x 0.8 DIN 46249
Rated cross section
1.0 mm² finely stranded

Rated current: 8 A

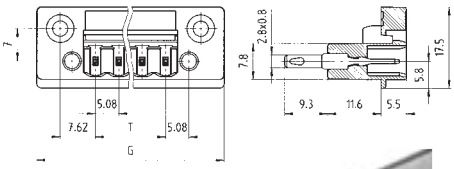
250 V/4 kV/3 – overvoltage category III
400 V/4 kV/2 – overvoltage category II
1000 V/4 kV/1 – overvoltage category I

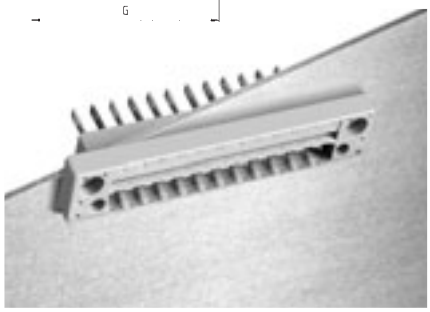




Wire-Wrap

Type 8213 S/... DFWW,
8213 S/... DFWW M





with solder connection

Type 8213 S/... DFLS,
8213 S/... DFLS M

Rated voltages VDE 0110	No. 22 – 12 AWG	300 V	6.5 A
UL Data	No. 22 – 12 AWG	300 V	6.5 A
CSA Data			
Approvals			

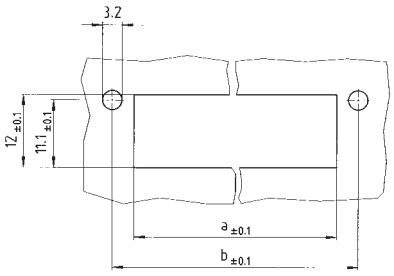
	No. 22 – 12 AWG	300 V	12/8 A
	No. 22 – 12 AWG	300 V	12/8 A

Box Qty	G	T	Pole	Part No. unmarked	Part No. unmarked	Part No. unmarked	Part No. unmarked
Pitch 5.08 mm							
100	30.48	5.08	2	25.303.0253.0	25.313.0253.0	25.303.3253.0	25.313.3253.0
100	35.56	10.16	3	25.303.0353.0	25.313.0353.0	25.303.3353.0	25.313.3353.0
50	40.64	15.24	4	25.303.0453.0	25.313.0453.0	25.303.3453.0	25.313.3453.0
50	45.72	20.32	5	25.303.0553.0	25.313.0553.0	25.303.3553.0	25.313.3553.0
50	50.80	25.40	6	25.303.0653.0	25.313.0653.0	25.303.3653.0	25.313.3653.0
50	55.88	30.48	7	25.303.0753.0	25.313.0753.0	25.303.3753.0	25.313.3753.0
50	60.96	35.56	8	25.303.0853.0	25.313.0853.0	25.303.3853.0	25.313.3853.0
50	66.04	40.64	9	25.303.0953.0	25.313.0953.0	25.303.3953.0	25.313.3953.0
50	71.12	45.72	10	25.303.1053.0	25.313.1053.0	25.303.4053.0	25.313.4053.0
50	76.20	50.80	11	25.303.1153.0	25.313.1153.0	25.303.4153.0	25.313.4153.0
50	81.28	55.88	12	25.303.1253.0	25.313.1253.0	25.303.4253.0	25.313.4253.0
50	86.36	60.96	13	25.303.1353.0	25.313.1353.0	25.303.4353.0	25.313.4353.0
50	91.44	66.04	14	25.303.1453.0	25.313.1453.0	25.303.4453.0	25.313.4453.0
50	96.52	71.12	15	25.303.1553.0	25.313.1553.0	25.303.4553.0	25.313.4553.0
50	101.60	76.20	16	25.303.1653.0	25.313.1653.0	25.303.4653.0	25.313.4653.0
	17 to 22 pole on request			without press in nut	with press in nut for screw flange	without press in nut	with press in nut for screw flange

Dimensions for panel cut out

a	b	
13.18	20.32	2
18.26	25.40	3
23.34	30.48	4
28.42	35.56	5
33.50	40.64	6
38.58	45.72	7
43.66	50.80	8
48.74	55.08	9
53.82	60.96	10
58.90	66.04	11
68.98	71.12	12
69.06	76.20	13
74.14	81.28	14
79.22	86.36	15
84.30	91.44	16

1 to 24 pole on request



Accessories:

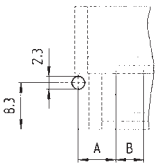
Coding part (branch)	100	05.561.0053.0	05.561.0053.0
Screw assembly	100	Z6.012.0812.0	Z6.012.0812.0

Accessories for 8113 – 8413/8813 and 8213 BL

wiecon PCB

Drilling plan for mounting bracket Z5.523.2453.0

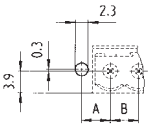
Type 8113 SE/... and 8213 SE/...

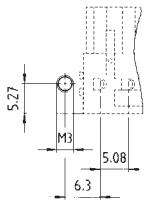


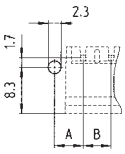
	A	B
8113	6.3	5.00
8213	6.8	5.08

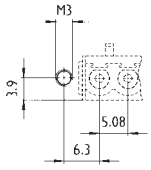
Drilling plan for mounting bracket Z5.523.2453.0

Type 81 – 8413 S/...









	A	B
8113	5.1	5.00
8213	5.2	5.08
8313	5.4	7.50
8413	5.4	7.62

8113 – 8413/8813

	Part No.	Box Qty
Mounting bracket (Type 8113 – 8413)	Z5.523.2453.0	100
End plate for two tier header (Type 8113 – 8213 SE)	07.310.9853.0	50
Coding branch for – header (Type 8113 – 8413, Type 8813)	05.561.0053.0	a 100
– socket connector (Type 8113 – 8413)	05.561.9153.0	100

Mounting bracket assembly for headers



Mounting bracket assembly with end plate for two tier headers



8213 BL

Adhesive marking strips for socket connectors and headers with 5/5.08 mm pitch



Part No.	Box Qty
1 – 12	04.007.4089.0	1
13 – 24	04.007.4189.0	1
25 – 36	04.007.4289.0	1
37 – 68	04.007.4389.0	1
49 – 60	04.007.4489.0	1
61 – 72	04.007.4589.0	1
73 – 84	04.007.4689.0	1
85 – 96	04.007.4789.0	1
97 – 108	04.007.4889.0	1

Mounting bracket



Z5.523.7753.0 100



Z5.523.7853.0 100

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92.232.1000.2 07.313.2655.0 - TW WT 2,5-10 58.503.0055.0 93.031.3250.0 99.403.5802.2 RST08i3-2s-s1-zr1-h-sw 80.063.4034.0 92.238.6063.2 96.031.5053.1 Z1.110.9055.0 - WBF 2,5 1/R/GR 80.010.4502.0 80.010.4525.0 91.951.3053.0 99.441.0000.8 Z2.803.4110.0 - WST 13,5 / C 25.350.3353.0 80.010.4141.0 91.931.9053.0 92.232.1060.1 93.421.4553.1 46.050.0153.1 94.732.3007.1 96.051.4053.6 92.932.3053.0 Z2.803.4210.0 - WST 20 / C 07.431.7353.8 - AD WRT 185/300 34.243.0012.0 99.411.0000.8 93.831.4350.0 97.051.4053.1