



WAGO Chassis-Mount Terminal Strips
WAGO Field-Wiring Terminal Blocks

WAGO Chassis-Mount Terminal Strips

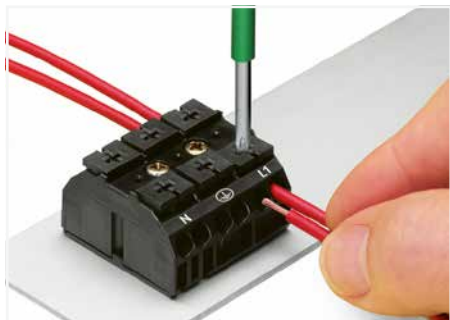
WAGO Field-Wiring Terminal Blocks

			Page
	4-Conductor Chassis-Mount Terminal Strips 0.5 ... 4 mm² (20 ... 12 AWG)	862 Series	558
	Field-Wiring Terminal Blocks 0.5 ... 2.5 mm² (18 ... 12 AWG)	294 Series	567

4-Conductor Chassis-Mount Terminal Strips

862 Series

Description and Installation



Terminating four conductors per pole – solid and fine-stranded.



Inserting a conductor via push-button.



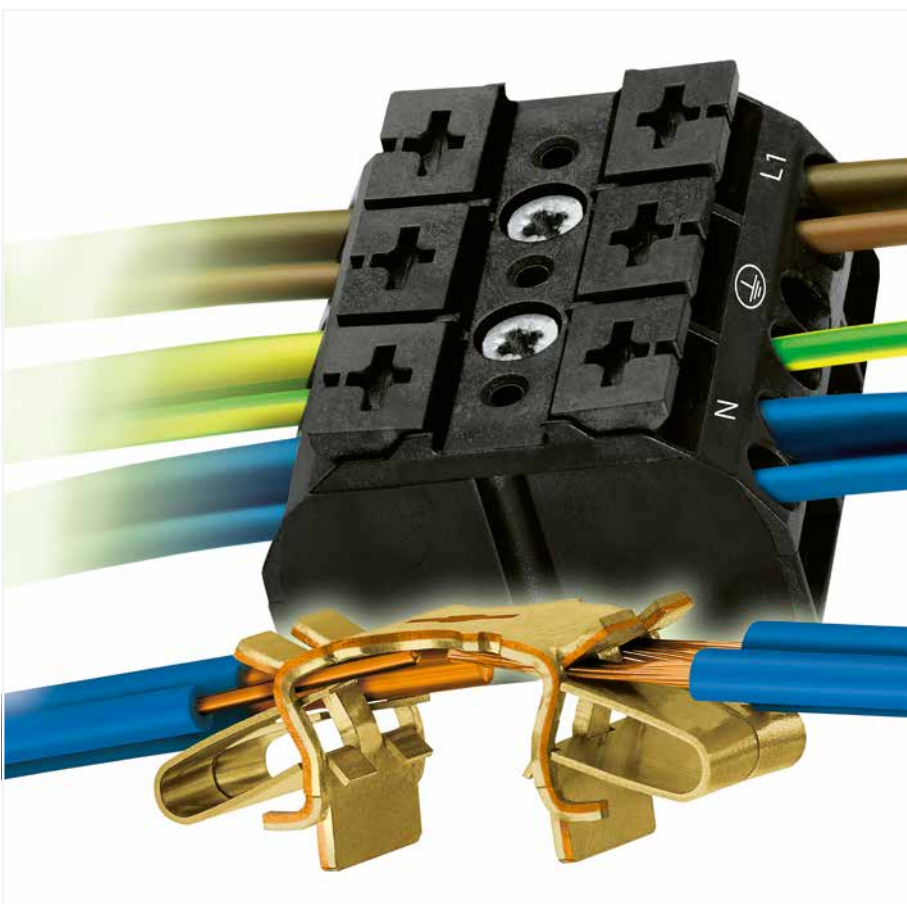
Testing with a 2 mm Ø test plug (max. 42 V).



Makes an automatic contact to the mounting plate. The plate's varnish is instantly penetrated.



Commoning using a comb-style jumper bar (862-482).



Cost-Effective Features:

WAGO's 862 Series Chassis-Mount Terminal Strips were developed specifically to minimize wiring costs, while accommodating requirements for flexible mounting, multiple connection points and easy usage:

- Equipped with Push-in CAGE CLAMP®, the 862 Series connects up to four conductors sized 0.5 to 4 mm² (20 ... 12 AWG). Due to multiple connection points per pole, different conductor sizes can be used within the same terminal block position.
- For factory wiring, Push-in CAGE CLAMP® connection technology allows solid conductors, ultrasonically bonded conductors from 0.5 ... 4 mm² (20 ... 12 AWG; length of bonded conductor end: min. 10 mm) or fine-stranded conductors with ferrules from 1 to 2.5 mm² (18 ... 14 AWG) to be terminated by simply pushing them into the unit.
- Convenient automatic grounding contact (optional)
- Snap-in mounting feet for fast assembly
- Push-buttons for easy installation with an operating tool or by hand
- Built-in test points simplify testing with 2 mm Ø test plug
- Flexible marking options with standard marking (pre-marked), marking strip or custom marked for large orders

Push-in CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

fine-stranded "f-st",
also with tinned
single strands

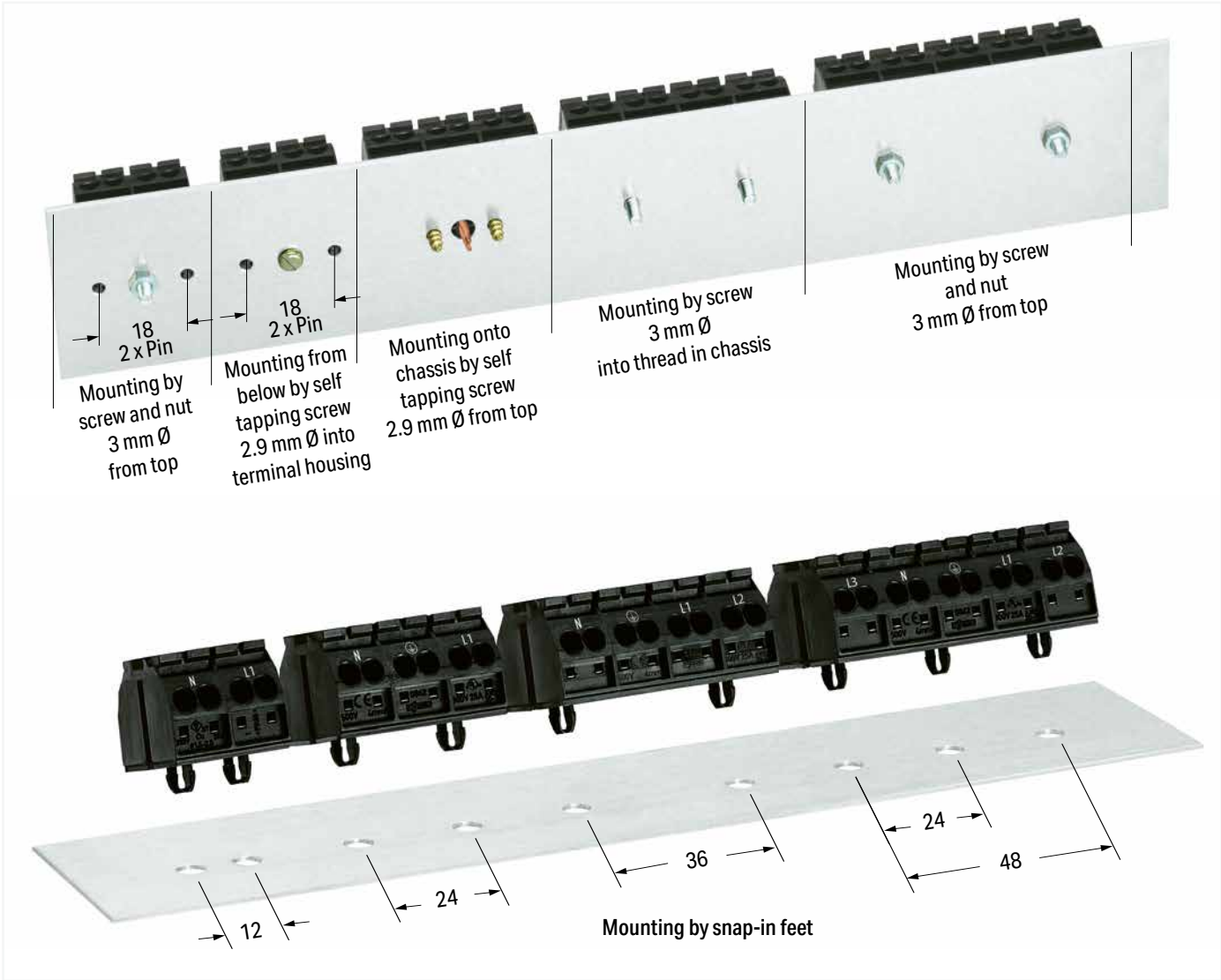
fine-stranded,
tip-bonded

fine-stranded,
with ferrule
(gastight crimped)

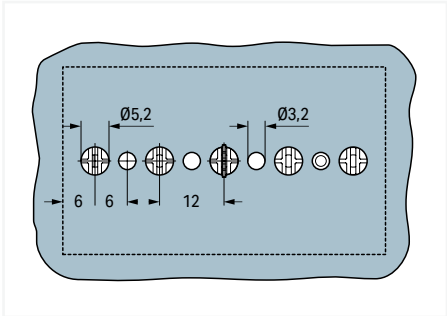
fine-stranded,
with pin terminal
(gastight crimped)

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

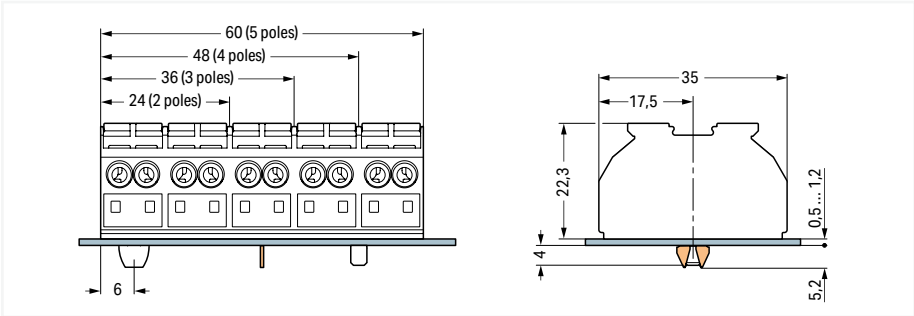
Mounting Types



Dimensions in mm



Dimensions (in mm) for ground contact and snap-in mounting foot (5.2 mm Ø)



Dimensions (in mm) for chassis-mount terminal strips

4-Conductor Chassis-Mount Terminal Strip; 2-Pole 4 mm²; 862 Series

Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④
 10 ... 11 mm / 0.39 ... 0.43 inch	



Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④
 10 ... 11 mm / 0.39 ... 0.43 inch	



4-conductor chassis-mount terminal strip; for mounting via screw and nut (3 mm Ø) or for self-tapping screw (2.9 mm Ø) from top; with 2 x pin; black

	Item No.	Pack. Unit
● N-L1	862-2552	500
● L1-N	862-1552	500
● L1-N ⑤	862-1552/999-950 ⑥	500
● plain	862-552	500

4-conductor chassis-mount terminal strip; for self-tapping screw (2.9 mm Ø) from below; with 2 x pin; black

● N-L1	862-2562	500
● L1-N	862-1562	500
● L1-N ⑤	862-1562/999-950 ⑥	500
● plain	862-562	500

4-conductor chassis-mount terminal strip; 1 snap-in foot per pole; black

● N-L1	862-2532	500
● L1-N	862-1532	500
● L1-N ⑤	862-1532/999-950 ⑥	500
● plain	862-532	500

4-conductor chassis-mount terminal strip; for mounting via screw and nut (3 mm Ø) or for self-tapping screw (2.9 mm Ø) from top; with 2 x pin; white

	Item No.	Pack. Unit
○ N-L1	862-2652	500
○ L1-N	862-1652	500
○ L1-N ⑤	862-1652/999-950 ⑥	500
○ plain	862-652	500

4-conductor chassis-mount terminal strip; for self-tapping screw (2.9 mm Ø) from below; with 2 x pin; white

○ N-L1	862-2662	500
○ L1-N	862-1662	500
○ L1-N ⑤	862-1662/999-950 ⑥	500
○ plain	862-662	500

4-conductor chassis-mount terminal strip; 1 snap-in foot per pole; white

○ N-L1	862-2632	500
○ L1-N	862-1632	500
○ L1-N ⑤	862-1632/999-950 ⑥	500
○ plain	862-632	500

① Conductor range: 0.5 ... 4 mm² "s+f-st"; Push-in termination: 0.75 ... 4 mm² "s" and 0.5 ... 1.5 mm² "insulated ferrules, 10 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree (see Section 15)

③ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 28 A (see Section 15)

Approvals and corresponding ratings, visit www.wago.com

Accessories; 862 Series

Appropriate marking system:
Marking strips

Comb-style jumper bar; for conductor entry; insulated; terminated conductor entry; I_N 32 A

black	862-482	5
-------	---------	---

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
-----	---------	----

Marking strip; on reel; 7.5 mm wide; not stretchable; plain; snap-on type

white	709-178	1
-------	---------	---

Operating tool with a partially insulated shaft; Type 2; (3.5 x 0.5) mm blade

	210-720	1
--	---------	---

4-Conductor Chassis-Mount Terminal Strip; 3-Pole 4 mm²; 862 Series

Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④
 10 ... 11 mm / 0.39 ... 0.43 inch	



Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④
 10 ... 11 mm / 0.39 ... 0.43 inch	



① Conductor range: 0.5 ... 4 mm² "s+f-st";
Push-in termination: 0.75 ... 4 mm² "s" and 0.5 ...
1.5 mm² "insulated ferrules, 10 mm"
Depending on the conductor characteristic, a conduc-
tor with a smaller cross section can also be inserted
via push-in termination.

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

③ Terminal blocks with an Ex mark are suitable for Ex II
applications.
440 V; 28 A
(see Section 15)

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 862 Series

Appropriate marking system:
Marking strips

Comb-style jumper bar; for conductor entry; insulated;
terminated conductor entry; I_N 32 A

black	862-482	5
-------	---------	---



Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
-----	---------	----



Marking strip; on reel; 7.5 mm wide; not stretchable; plain;
snap-on type

white	709-178	1
-------	---------	---



Operating tool with a partially insulated shaft; Type 2; (3.5
x 0.5) mm blade

	210-720	1
--	---------	---



4-conductor chassis-mount terminal strip; for mounting
via screw and nut (3 mm Ø) or for self-tapping screw
(2.9 mm Ø) from top; black

	Item No.	Pack. Unit
● N-PE-L1; without ground contact	862-2503	250
● PE-N-L1; without ground contact	862-1503	250
● PE-N-L1; without ground contact ④	862-1503/999-950 ③	250
● plain; without ground contact	862-503	250
● N-PE-L1; with ground contact	862-8503	250
● PE-L1-N; with ground contact	862-9503	250

4-conductor chassis-mount terminal strip; for mounting
via screw and nut (3 mm Ø) or for self-tapping screw
(2.9 mm Ø) from top; white

	Item No.	Pack. Unit
○ N-PE-L1; without ground contact	862-2603	250
○ PE-N-L1; without ground contact	862-1603	250
○ PE-N-L1; without ground contact ④	862-1603/999-950 ③	250
○ plain; without ground contact	862-603	250
○ N-PE-L1; with ground contact	862-8603	250
○ PE-L1-N; with ground contact	862-9603	250

4-conductor chassis-mount terminal strip; 1 snap-in foot
per pole; black

● N-PE-L1; without ground contact	862-2533	250
● PE-N-L1; without ground contact	862-1533	250
● PE-N-L1; without ground contact ④	862-1533/999-950 ③	250
● plain; without ground contact	862-533	250
● N-PE-L1; with ground contact	862-8533	250
● PE-L1-N; with ground contact	862-9533	250

4-conductor chassis-mount terminal strip; 1 snap-in foot
per pole; white

○ N-PE-L1; without ground contact	862-2633	250
○ PE-N-L1; without ground contact	862-1633	250
○ PE-N-L1; without ground contact ④	862-1633/999-950 ③	250
○ plain; without ground contact	862-633	250
○ N-PE-L1; with ground contact	862-8633	250
○ PE-L1-N; with ground contact	862-9633	250

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 1+3; black

● N-PE-L1; without ground contact	862-2593	250
● PE-N-L1; without ground contact	862-1593	250
● PE-N-L1; without ground contact ④	862-1593/999-950 ③	250
● plain; without ground contact	862-593	250
● N-PE-L1; with ground contact	862-8593	250
● PE-N-L1; with ground contact	862-9593	250

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 1+3; white

○ N-PE-L1; without ground contact	862-2693	250
○ PE-N-L1; without ground contact	862-1693	250
○ PE-N-L1; without ground contact ④	862-1693/999-950 ③	250
○ plain; without ground contact	862-693	250
○ N-PE-L1; with ground contact	862-8693	250
○ PE-N-L1; with ground contact	862-9693	250

4-Conductor Chassis-Mount Terminal Strip; 4-Pole 4 mm²; 862 Series

Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④
 10 ... 11 mm / 0.39 ... 0.43 inch	



Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④
 10 ... 11 mm / 0.39 ... 0.43 inch	



① Conductor range: 0.5 ... 4 mm² "s+f-st";
Push-in termination: 0.75 ... 4 mm² "s" and 0.5 ...
1.5 mm² "insulated ferrules, 10 mm"
Depending on the conductor characteristic, a conductor
with a smaller cross section can also be inserted
via push-in termination.

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

③ Terminal blocks with an Ex mark are suitable for Ex e II
applications.
440 V; 28 A
(see Section 15)

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 862 Series

Appropriate marking system:
Marking strips

Comb-style jumper bar; for conductor entry; insulated;
terminated conductor entry; I_N 32 A

black	862-482	5
-------	---------	---



Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
-----	---------	----



Marking strip; on reel; 7.5 mm wide; not stretchable; plain;
snap-on type

white	709-178	1
-------	---------	---



Operating tool with a partially insulated shaft; Type 2; (3.5
x 0.5) mm blade

	210-720	1
--	---------	---



4-conductor chassis-mount terminal strip; for mounting
via screw and nut (3 mm Ø) or for self-tapping screw
(2.9 mm Ø) from top; black

	Item No.	Pack. Unit
● N-PE-L1-L2; without ground contact	862-2504	200
● PE-N-L1-L2; without ground contact	862-1504	200
● PE-N-L1-L2; without ground contact ③	862-1504/999-950 ③	200
● plain; without ground contact	862-504	200
● N-PE-L1-L2; with ground contact	862-8504	200
● PE-N-L1-L2; with ground contact	862-9504	200

4-conductor chassis-mount terminal strip; for mounting
via screw and nut (3 mm Ø) or for self-tapping screw
(2.9 mm Ø) from top; white

	Item No.	Pack. Unit
○ N-PE-L1-L2; without ground contact	862-2604	200
○ PE-N-L1-L2; without ground contact	862-1604	200
○ PE-N-L1-L2; without ground contact ③	862-1604/999-950 ③	200
○ plain; without ground contact	862-604	200
○ N-PE-L1-L2; with ground contact	862-8604	200
○ PE-N-L1-L2; with ground contact	862-9604	200

4-conductor chassis-mount terminal strip; 1 snap-in foot
per pole; black

● N-PE-L1-L2; without ground contact	862-2534	200
● PE-N-L1-L2; without ground contact	862-1534	200
● PE-N-L1-L2; without ground contact ③	862-1534/999-950 ③	200
● plain; without ground contact	862-534	200
● N-PE-L1-L2; with ground contact	862-8534	200
● PE-N-L1-L2; with ground contact	862-9534	200

4-conductor chassis-mount terminal strip; 1 snap-in foot
per pole; white

○ N-PE-L1-L2; without ground contact	862-2634	200
○ PE-N-L1-L2; without ground contact	862-1634	200
○ PE-N-L1-L2; without ground contact ③	862-1634/999-950 ③	200
○ plain; without ground contact	862-634	200
○ N-PE-L1-L2; with ground contact	862-8634	200
○ PE-N-L1-L2; with ground contact	862-9634	200

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 1+4; black

● N-PE-L1-L2; without ground contact	862-2594	200
● PE-N-L1-L2; without ground contact	862-1594	200
● PE-N-L1-L2; without ground contact ③	862-1594/999-950 ③	200
● plain; without ground contact	862-594	200
● N-PE-L1-L2; with ground contact	862-8594	200
● PE-N-L1-L2; with ground contact	862-9594	200

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 1+4; white

○ N-PE-L1-L2; without ground contact	862-2694	200
○ PE-N-L1-L2; without ground contact	862-1694	200
○ PE-N-L1-L2; without ground contact ③	862-1694/999-950 ③	200
○ plain; without ground contact	862-694	200
○ N-PE-L1-L2; with ground contact	862-8694	200
○ PE-N-L1-L2; with ground contact	862-9694	200

4-Conductor Chassis-Mount Terminal Strip; 5-Pole 4 mm²; 862 Series

Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④

10 ... 11 mm / 0.39 ... 0.43 inch



Technical Data

0.5 ... 4 mm ² ①	20 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I _N 32 A	300 V, 20 A ④

10 ... 11 mm / 0.39 ... 0.43 inch



① Conductor range: 0.5 ... 4 mm² "s+f-st";
Push-in termination: 0.75 ... 4 mm² "s" and 0.5 ...
1.5 mm² "insulated ferrules, 10 mm"
Depending on the conductor characteristic, a conductor
with a smaller cross section can also be inserted
via push-in termination.

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

③ Terminal blocks with an Ex mark are suitable for Ex II
applications.
440 V; 28 A
(see Section 15)

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 862 Series

Appropriate marking system:
Marking strips

Comb-style jumper bar; for conductor entry; insulated;
terminated conductor entry; I_N 32 A

black	862-482	5
-------	---------	---

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
-----	---------	----

Marking strip; on reel; 7.5 mm wide; not stretchable; plain;
snap-on type

white	709-178	1
-------	---------	---

Operating tool with a partially insulated shaft; Type 2; (3.5
x 0.5) mm blade

	210-720	1
--	---------	---

4-conductor chassis-mount terminal strip; for mounting
via screw and nut (3 mm Ø) or for self-tapping screw
(2.9 mm Ø) from top; black

	Item No.	Pack. Unit
● L3-N-PE-L1-L2; without ground contact	862-2505	200
● PE-N-L1-L2-L3; without ground contact	862-1505	200
● PE-N-L1-L2-L3; without ground contact ③	862-1505/999-950 ③	200
● plain; without ground contact	862-505	200
● L3-N-PE-L1-L2; with ground contact	862-8505	200
● PE-N-L1-L2-L3; with ground contact	862-9505	200

4-conductor chassis-mount terminal strip; for mounting
via screw and nut (3 mm Ø) or for self-tapping screw
(2.9 mm Ø) from top; white

	Item No.	Pack. Unit
○ L3-N-PE-L1-L2; without ground contact	862-2605	200
○ PE-N-L1-L2-L3; without ground contact	862-1605	200
○ PE-N-L1-L2-L3; without ground contact ③	862-1605/999-950 ③	200
○ plain; without ground contact	862-605	200
○ L3-N-PE-L1-L2; with ground contact	862-8605	200
○ PE-N-L1-L2-L3; with ground contact	862-9605	200

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 2+4; black

● L3-N-PE-L1-L2; without ground contact	862-2525	200
● PE-N-L1-L2-L3; without ground contact	862-1525	200
● PE-N-L1-L2-L3; without ground contact ③	862-1525/999-950 ③	200
● plain; without ground contact	862-525	200
● L3-N-PE-L1-L2; with ground contact	862-8525	200
● PE-N-L1-L2-L3; with ground contact	862-9525	200

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 2+4; white

○ L3-N-PE-L1-L2; without ground contact	862-2625	200
○ PE-N-L1-L2-L3; without ground contact	862-1625	200
○ PE-N-L1-L2-L3; without ground contact ③	862-1625/999-950 ③	200
○ plain; without ground contact	862-625	200
○ L3-N-PE-L1-L2; with ground contact	862-8625	200
○ PE-N-L1-L2-L3; with ground contact	862-9625	200

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 1+3+5; black

● L3-N-PE-L1-L2; without ground contact	862-2515	200
● PE-N-L1-L2-L3; without ground contact	862-1515	200
● PE-N-L1-L2-L3; without ground contact ③	862-1515/999-950 ③	200
● plain; without ground contact	862-515	200
● L3-N-PE-L1-L2; with ground contact	862-8515	200
● PE-N-L1-L2-L3; with ground contact	862-9515	200

4-conductor chassis-mount terminal strip; Snap-in foot
at pos. 1+3+5; white

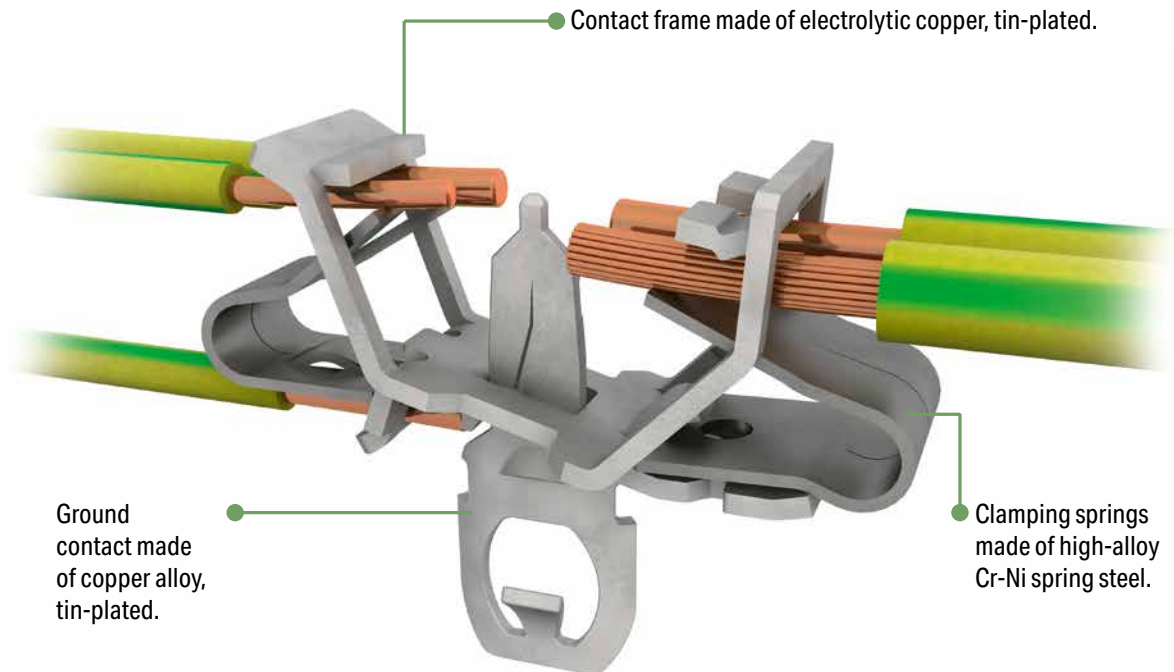
○ L3-N-PE-L1-L2; without ground contact	862-2615	200
○ PE-N-L1-L2-L3; without ground contact	862-1615	200
○ PE-N-L1-L2-L3; without ground contact ③	862-1615/999-950 ③	200
○ plain; without ground contact	862-615	200
○ L3-N-PE-L1-L2; with ground contact	862-8615	200
○ PE-N-L1-L2-L3; with ground contact	862-9615	200

Connect Lighting and Equipment Worldwide

Contact Technology

294 Series

Contact Technology



EUROPE

1 x 0.5 ... 2.5 mm² "s"
 1 x 0.5 ... 1.5 mm² "s"
 1 x 0.5 ... 0.75 mm² "s"

AMERICA

1 x AWG 18 ... 14 "s"
 1 x AWG 18 ... 16 "s"
 1 x AWG 18 "s"

JAPAN

1 x 0.8 ... 1.6 mm diam. "s"
 1 x 0.8 ... 1 mm diam. "s"
 1 x 0.8 mm diam. "s"

Internal connection:

PUSH WIRE® for internal wiring with solid conductors

EUROPE

2 x 0.5 ... 2.5 mm² "s, str, f-str"

AMERICA

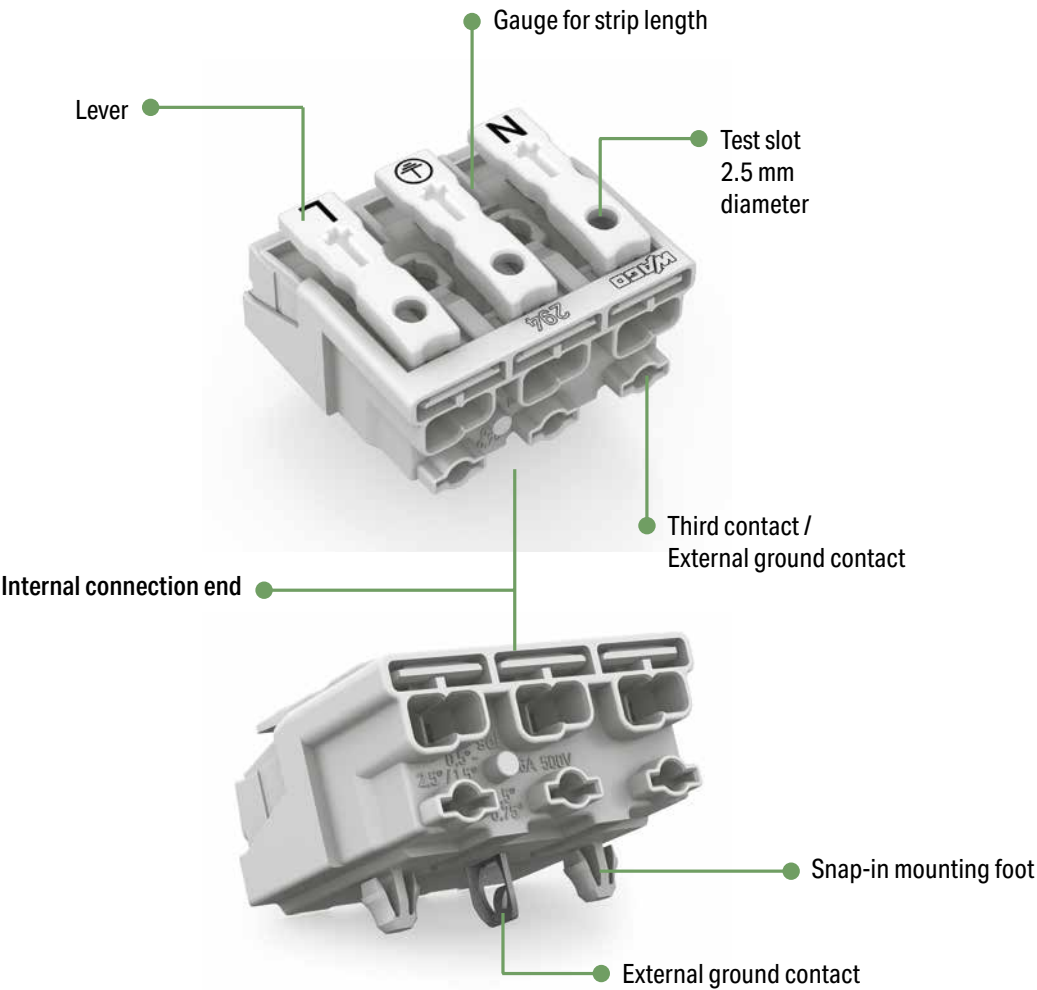
2 x AWG 18 ... 12 "s"
 2 x AWG 18 ... 14 "s, f-str"

JAPAN

2 x 0.8 ... 2 mm diam. "s"
 2 x 0.5 ... 2 mm² "str, f-str"

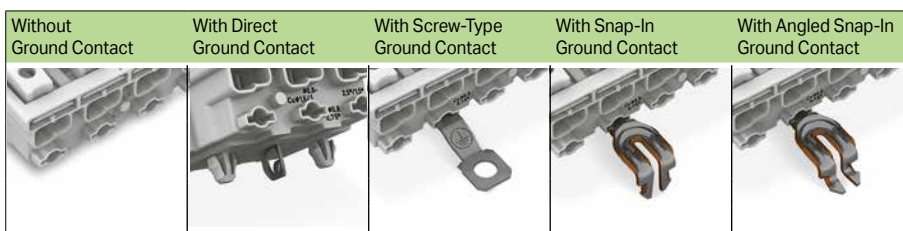
External connection:

Push-in CAGE CLAMP® for field-wiring with all conductor types



Field-Wiring Terminal Block; with Two Snap-In Mounting Feet – Overview

294 Series



Pole No.	Marking	Item No.	Item No.	Item No.	Item No.	Item No.
2	plain	294-5002				
	N-L	294-5012				
	N'-L'	294-5022				
	DA- DA+	294-5032				
	- +	294-5072				
	1-N	294-5052				
	2-1	294-5042				

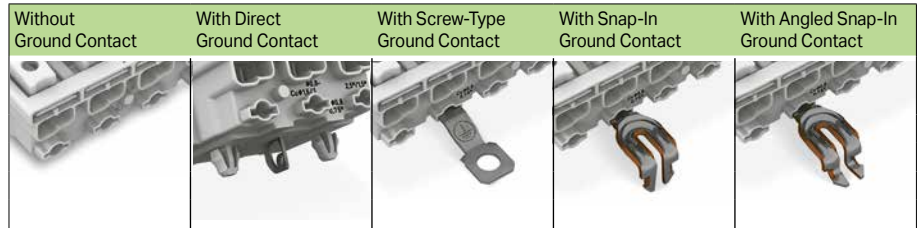
3	plain	294-5003				
	N-PE-L	294-5013	294-5113	294-5413	294-5213	294-5313
	N'-PE-L'	294-5023	294-5123	294-5423	294-5223	294-5323
	1-PE-N	294-5053	294-5153	294-5453	294-5253	294-5353
	3-2-1	294-5043				
	N-E-L	294-5093/3025-000				

4	plain	294-5004				
	1/L'-2/L-PE-N	294-5024	294-5124	294-5424	294-5224	294-5324
	1-2-PE-N	294-5014	294-5114	294-5414	294-5214	294-5314
	4-3-2-1	294-5044				
	1/L'-2/L E-N	294-5094/4025-000				

5	plain	294-5005				
	L3-L2-L1-PE_N	294-5015		294-5415	294-5215	294-5315
	L'-N'-L-PE-N	294-5025		294-5425	294-5225	294-5325
	DA+ DA- L PE N	294-5035		294-5435	294-5235	294-5335
	DA- N PE L DA+	294-5075	294-5175	294-5475	294-5275	294-5375
	3-N-PE-1-2	294-5055	294-5155	294-5455	294-5255	294-5355
	5-4-3-2-1	294-5045				
	DA+ DA- L E N	294-5095/5025-000				
	L3-L2-L1-E-N	294-5095/5026-000				
	L'-N'-L-E-N	294-5095/5027-000				

Field-Wiring Terminal Block; without Snap-In Mounting Feet – Overview

294 Series



Pole No.	Marking	Item No.	Item No.	Item No.	Item No.	Item No.
2	plain	294-4002				
	N-L	294-4012				
	N'-L'	294-4022				
	DA- DA+	294-4032				
	- +	294-4072				
	1-N	294-4052				
	2-1	294-4042				

3	plain	294-4003				
	N-PE-L	294-4013		294-4413	294-4213	294-4313
	N'-PE-L'	294-4023		294-4423	294-4223	294-4323
	1-PE-N	294-4053		294-4453	294-4253	294-4353
	3-2-1	294-4043				
	N-E-L	294-4093/3025-000				

4	plain	294-4004				
	1/L'-2/L-PE-N	294-4024		294-4424	294-4224	294-4324
	1-2-PE-N	294-4014		294-4414	294-4214	294-4314
	4-3-2-1	294-4044				
	1/L'-2/L E-N	294-4094/4025-000				

5	plain	294-4005				
	L3-L2-L1-PE_N	294-4015		294-4415	294-4215	294-4315
	L'-N'-L-PE-N	294-4025		294-4425	294-4225	294-4325
	DA+ DA- L PE N	294-4035		294-4435	294-4235	294-4335
	DA- N PE L DA+	294-4075		294-4475	294-4275	294-4375
	3-N-PE-1-2	294-4055		294-4455	294-4255	294-4355
	5-4-3-2-1	294-4045				
	DA+ DA- L E N	294-4095/5025-000				
	L3-L2-L1-E-N	294-4095/5026-000				
	L'-N'-L-E-N	294-4095/5027-000				

6	plain	294-4006				
---	-------	----------	--	--	--	--

7	plain	294-4007				
---	-------	----------	--	--	--	--

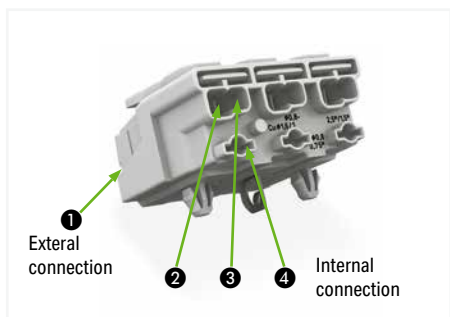
Field-Wiring Terminal Block

2.5 mm; 294 Series



Terminating five conductors per pole – solid and fine-stranded.

- External connection of solid, stranded and fine-stranded conductors
- Universal conductor termination (AWG, metric)
- Third contact located at the bottom of internal connection end
- Strain relief plate can be retrofitted



Technical Data

	IEC/EN 60998-1	IEC/EN 60998-2-2
Ratings per		
Overvoltage category	II	II
Pollution degree	2	2
Rated voltage	500 V	500 V
Rated surge voltage	4 kV	4 kV
Rated current	24 A	24 A
Temperature specification	T 85	

Conductor Data (External Connection)

Connection technology ❶	Push-in CAGE CLAMP®
Solid conductor	0.5 ... 2.5 mm / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm / 18 ... 16 AWG
Fine-stranded conductor	0.5 ... 2.5 mm / 18 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 2.5 mm / 18 ... 12 AWG
Fine-stranded conductor with ferrule, push-in termination	0.5 mm² / 18 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 ... 1.5 mm / 18 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.5 ... 1.5 mm / 18 ... 16 AWG

Conductor Data (Internal Connection)

Connection technology	PUSH WIRE®
Conductor termination ❷	
Solid conductor	0.5 ... 2.5 mm / 18 ... 14 AWG
Fine-stranded conductor with ferrule without plastic collar	0.5 ... 1.5 mm / 18 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 ... 1.5 mm / 18 ... 14 AWG
Conductor termination ❸	
Solid conductor	0.5 ... 1.5 mm / 18 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.5 ... 1 mm / 18 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 ... 0.75 mm / 18 AWG
Conductor termination ❹	
Solid conductor	0.5 ... 0.75 mm / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch

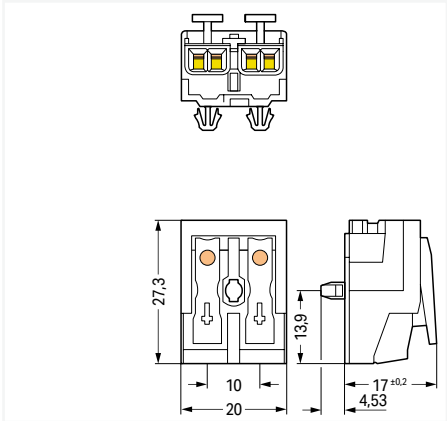
Material Data

Material group	IIIa
Insulation material	Polycarbonate (PC)
Temperature stability	Relative Temperature Index (RTI) of 120 °C
Flammability class per UL 94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{cu})
Contact plating	Tin-plated
16 mm-high versions are available upon request.	

Field-Wiring Terminal Block
2.5 mm; 294 Series



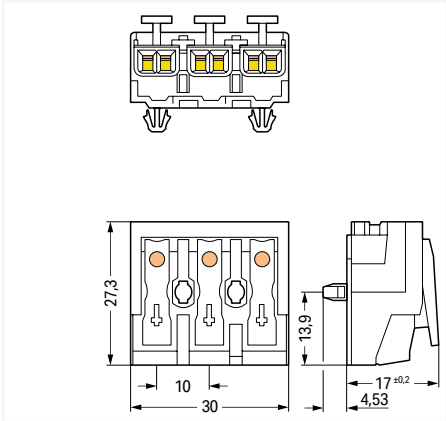
Dimensions in mm



Field-wiring terminal block; without ground contact; with snap-in mounting feet; 2-pole; white		
Marking	Item No.	Pack. Unit
○ N-L	294-5012	1000
○ N´-L´	294-5022	1000
○ DA- DA+	294-5032	1000
○ - +	294-5072	1000
○ 2-1	294-5042	1000
○ 1-N	294-5052	1000
○ plain	294-5002	1000



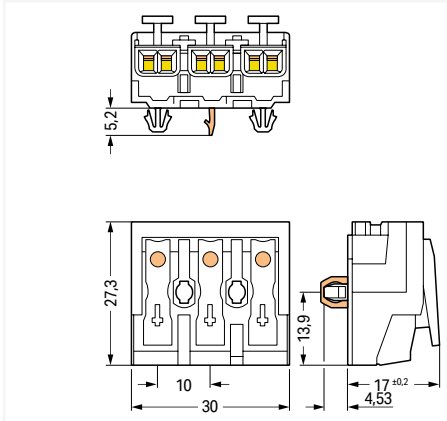
Dimensions in mm



Field-wiring terminal block; without ground contact; with snap-in mounting feet; 3-pole; white		
Marking	Item No.	Pack. Unit
○ N-PE-L	294-5013	500
○ N´-PE-L´	294-5023	500
○ 1-PE-N	294-5053	500
○ 3-2-1	294-5043	500
○ plain	294-5003	500
○ N-E-L	294-5093/3025-000	500



Dimensions in mm



Field-wiring terminal block; with direct ground contact; with snap-in mounting feet; 3-pole; white		
Marking	Item No.	Pack. Unit
○ N-PE-L	294-5113	500
○ N´-PE-L´	294-5123	500
○ 1-PE-N	294-5153	500

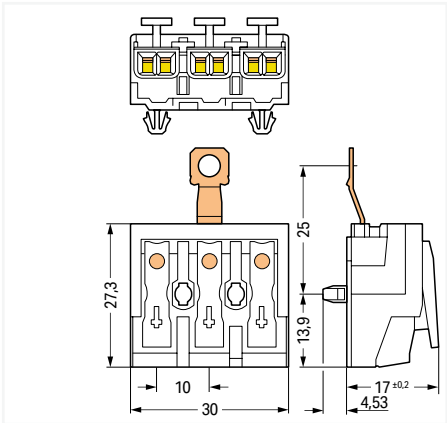
Field-wiring terminal block; without ground contact; without snap-in mounting feet; 2-pole; white		
○ N-L	294-4012	1000
○ N´-L´	294-4022	1000
○ DA- DA+	294-4032	1000
○ - +	294-4072	1000
○ 2-1	294-4042	1000
○ 1-N	294-4052	1000
○ plain	294-4002	1000

Field-wiring terminal block; without ground contact; without snap-in mounting feet; 3-pole; white		
○ N-PE-L	294-4013	500
○ N´-PE-L´	294-4023	500
○ 1-PE-N	294-4053	500
○ 3-2-1	294-4043	500
○ plain	294-4003	500
○ N-E-L	294-4093/3025-000	500

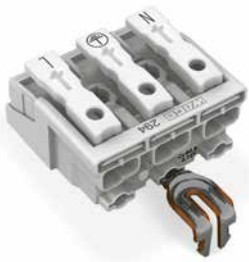
Field-Wiring Terminal Block
2.5 mm; 294 Series



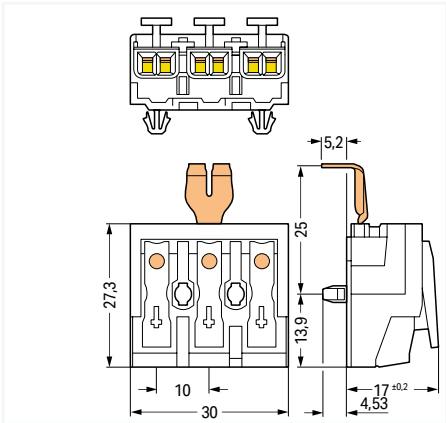
Dimensions in mm



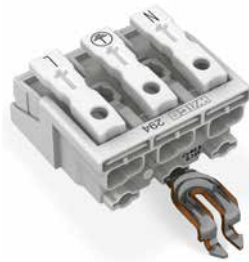
Field-wiring terminal block; with screw-type ground contact; with snap-in mounting feet; 3-pole; white		
Marking	Item No.	Pack. Unit
○ N-PE-L	294-5413	500
○ N'-PE-L'	294-5423	500
○ 1-PE-N	294-5453	500



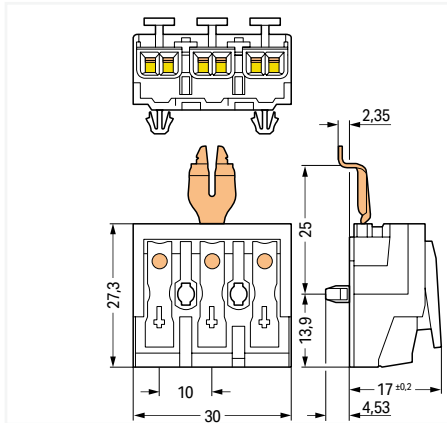
Dimensions in mm



Field-wiring terminal block; with ground contact; with snap-in mounting feet; 3-pole; white		
Marking	Item No.	Pack. Unit
○ N-PE-L	294-5213	500
○ N'-PE-L'	294-5223	500
○ 1-PE-N	294-5253	500



Dimensions in mm



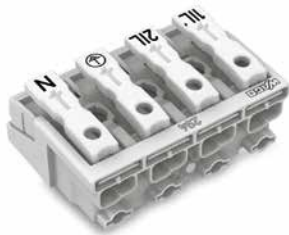
Field-wiring terminal block; with angled ground contact; with snap-in mounting feet; 3-pole; white		
Marking	Item No.	Pack. Unit
○ N-PE-L	294-5313	500
○ N'-PE-L'	294-5323	500
○ 1-PE-N	294-5353	500

Field-wiring terminal block; with screw-type ground contact; without snap-in mounting feet; 3-pole; white		
○ N-PE-L	294-4413	500
○ N'-PE-L'	294-4423	500
○ 1-PE-N	294-4453	500

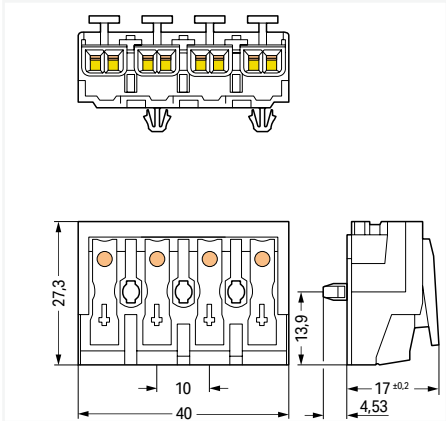
Field-wiring terminal block; with snap-in ground contact; without snap-in mounting feet; 3-pole; white		
○ N-PE-L	294-4213	500
○ N'-PE-L'	294-4223	500
○ 1-PE-N	294-4253	500

Field-wiring terminal block; with angled snap-in ground contact; without snap-in mounting feet; 3-pole; white		
○ N-PE-L	294-4313	500
○ N'-PE-L'	294-4323	500
○ 1-PE-N	294-4353	500

PUSH-IN CAGE CLAMP® PUSH WIRE®



Dimensions in mm

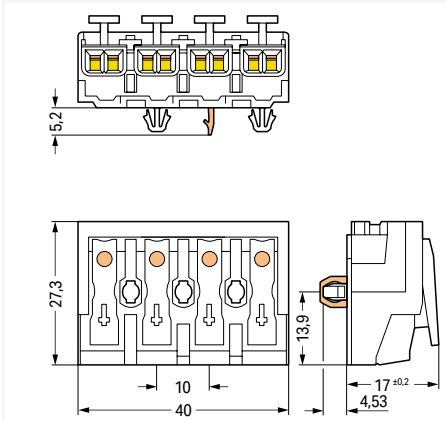


Field-wiring terminal block; without ground contact; with snap-in mounting feet; 4-pole; white		
Marking	Item No.	Pack. Unit
○ 1/L'-2/L-PE-N	294-5024	500
○ 1-2-PE-N	294-5014	500
○ 4-3-2-1	294-5044	500
○ plain	294-5004	500
○ 1/L'-2/L-E-N	294-5094/4025-000	500

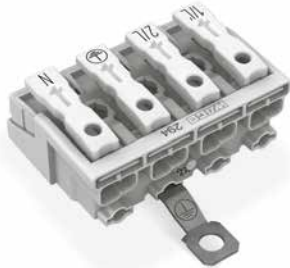
Field-wiring terminal block; without ground contact; without snap-in mounting feet; 4-pole; white		
○ 1/L'-2/L-PE-N	294-4024	500
○ 1-2-PE-N	294-4014	500
○ 4-3-2-1	294-4044	500
○ plain	294-4004	500
○ 1/L'-2/L-E-N	294-4094/4025-000	500



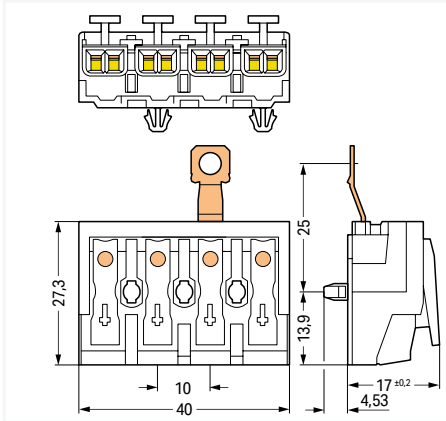
Dimensions in mm



Field-wiring terminal block; with direct ground contact; with snap-in mounting feet; 4-pole; white		
Marking	Item No.	Pack. Unit
○ 1/L'-2/L-PE-N	294-5124	500
○ 1-2-PE-N	294-5114	500



Dimensions in mm

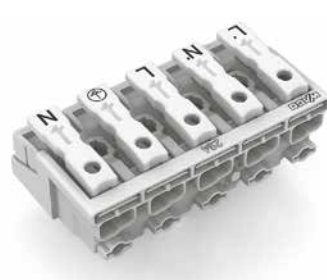
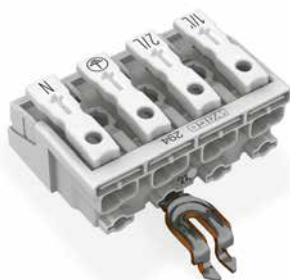
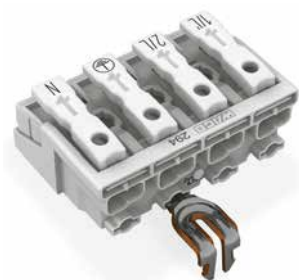


Field-wiring terminal block; with screw-type ground contact; with snap-in mounting feet; 4-pole; white		
Marking	Item No.	Pack. Unit
○ 1/L'-2/L-PE-N	294-5424	500
○ 1-2-PE-N	294-5414	500

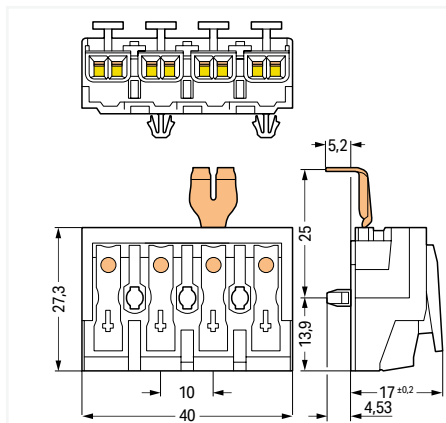
Field-wiring terminal block; with screw-type ground contact; without snap-in mounting feet; 4-pole; white		
○ 1/L'-2/L-PE-N	294-4424	500
○ 1-2-PE-N	294-4414	500

Field-Wiring Terminal Block

2.5 mm; 294 Series



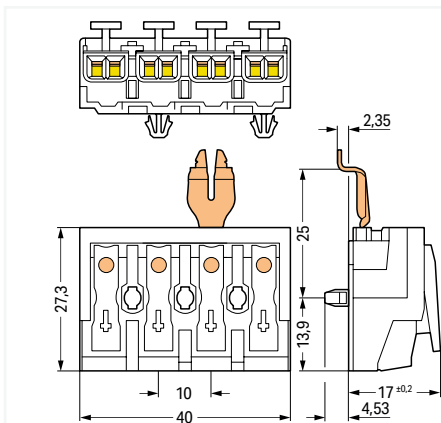
Dimensions in mm



Field-wiring terminal block; with ground contact; with snap-in mounting feet; 4-pole; white

Marking	Item No.	Pack. Unit
○ 1/L'-2/L-PE-N	294-5224	500
○ 1-2-PE-N	294-5214	500

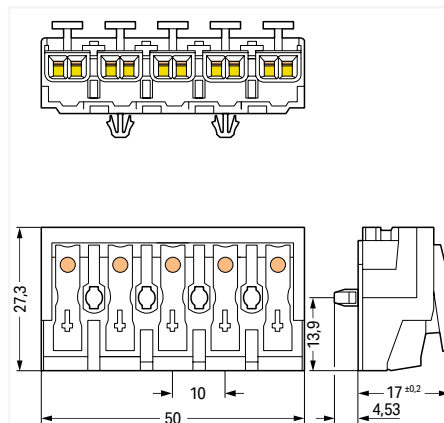
Dimensions in mm



Field-wiring terminal block; with angled ground contact; with snap-in mounting feet; 4-pole; white

Marking	Item No.	Pack. Unit
○ 1/L'-2/L-PE-N	294-5324	500
○ 1-2-PE-N	294-5314	500

Dimensions in mm



Field-wiring terminal block; without ground contact; with snap-in mounting feet; 5-pole; white

Marking	Item No.	Pack. Unit
○ L'-N'-L-PE-N	294-5025	250
○ L3-L2-L1-PE-N	294-5015	250
○ DA+ DA- L PE N	294-5035	250
○ DA- N PE L DA+	294-5075	250
○ 3-N-PE-1-2	294-5055	250
○ 5-4-3-2-1	294-5045	250
○ plain	294-5005	250
○ DA+ DA- L E N	294-5095/5025-000	250
○ L3-L2-L1-E-N	294-5095/5026-000	250
○ L'-N'-L-E-N	294-5095/5027-000	250

10

Field-wiring terminal block; with snap-in ground contact; without snap-in mounting feet; 4-pole; white

○ 1/L'-2/L-PE-N	294-4224	500
○ 1-2-PE-N	294-4214	500

Field-wiring terminal block; with angled snap-in ground contact; without snap-in mounting feet; 4-pole; white

○ 1/L'-2/L-PE-N	294-4324	500
○ 1-2-PE-N	294-4314	500

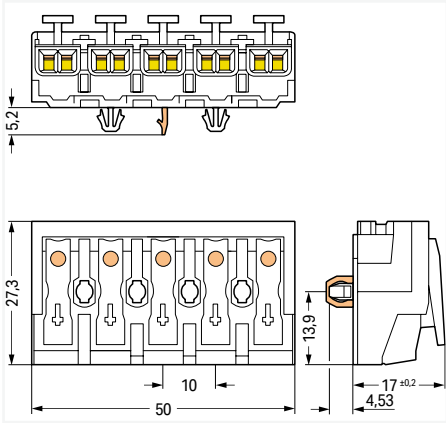
Field-wiring terminal block; without ground contact; without snap-in mounting feet; 5-pole; white

○ L'-N'-L-PE-N	294-4025	250
○ L3-L2-L1-PE-N	294-4015	250
○ DA+ DA- L PE N	294-4035	250
○ DA- N PE L DA+	294-4075	250
○ 3-N-PE-1-2	294-4055	250
○ 5-4-3-2-1	294-4045	250
○ plain	294-4005	250
○ DA+ DA- L E N	294-4095/5025-000	250
○ L3-L2-L1-E-N	294-4095/5026-000	250
○ L'-N'-L-E-N	294-4095/5027-000	250

PUSH-IN CAGE CLAMP® / PUSH WIRE®



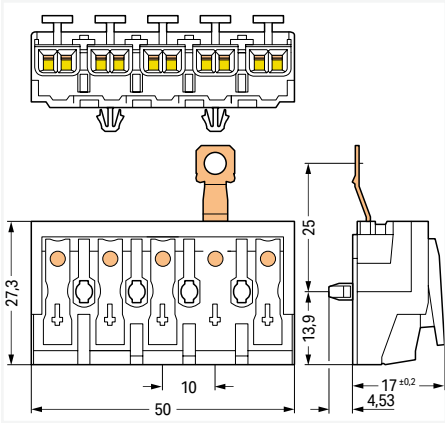
Dimensions in mm



Field-wiring terminal block; with direct ground contact; with snap-in mounting feet; 5-pole; white

Marking	Item No.	Pack. Unit
○ DA- N PE L DA+	294-5175	250
○ 3-N-PE-1-2	294-5155	250

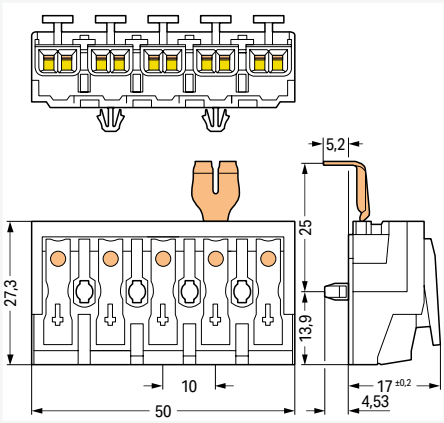
Dimensions in mm



Field-wiring terminal block; with screw-type ground contact; with snap-in mounting feet; 5-pole; white

Marking	Item No.	Pack. Unit
○ L'-N'-L-PE-N	294-5425	250
○ L3-L2-L1-PE-N	294-5415	250
○ DA+ DA- L PE N	294-5435	250
○ DA- N PE L DA+	294-5475	250
○ 3-N-PE-1-2	294-5455	250

Dimensions in mm



Field-wiring terminal block; with ground contact; with snap-in mounting feet; 5-pole; white

Marking	Item No.	Pack. Unit
○ L'-N'-L-PE-N	294-5225	250
○ L3-L2-L1-PE-N	294-5215	250
○ DA+ DA- L PE N	294-5235	250
○ DA- N PE L DA+	294-5275	250
○ 3-N-PE-1-2	294-5255	250

Field-wiring terminal block; with screw-type ground contact; without snap-in mounting feet; 5-pole; white

○ L'-N'-L-PE-N	294-4425	250
○ L3-L2-L1-PE-N	294-4415	250
○ DA+ DA- L PE N	294-4435	250
○ DA- N PE L DA+	294-4475	250
○ 3-N-PE-1-2	294-4455	250

Field-wiring terminal block; with snap-in ground contact; without snap-in mounting feet; 5-pole; white

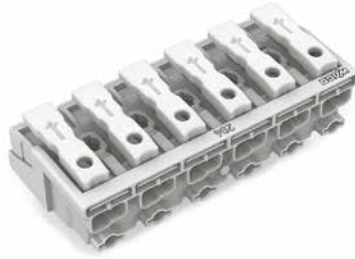
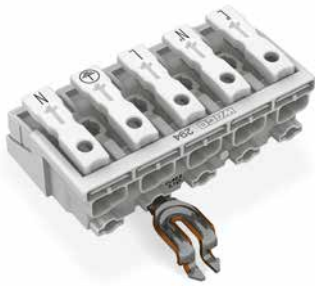
○ L'-N'-L-PE-N	294-4225	250
○ L3-L2-L1-PE-N	294-4215	250
○ DA+ DA- L PE N	294-4235	250
○ DA- N PE L DA+	294-4275	250
○ 3-N-PE-1-2	294-4255	250

PUSH-IN CAGE CLAMP®

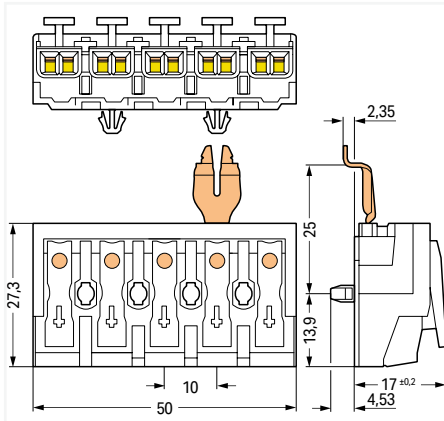
PUSH WIRE®

Field-Wiring Terminal Block

2.5 mm; 294 Series



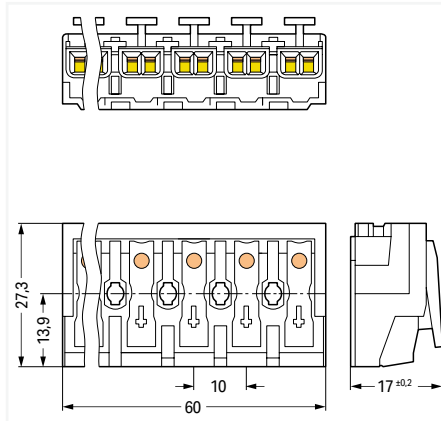
Dimensions in mm



Field-wiring terminal block; without ground contact; with snap-in mounting feet; 5-pole; white

Marking	Item No.	Pack. Unit
○ L'-N'-L-PE-N	294-5325	250
○ L3-L2-L1-PE-N	294-5315	250
○ DA+ DA- L PE N	294-5335	250
○ DA- N PE L DA+	294-5375	250
○ 3-N-PE-1-2	294-5355	250

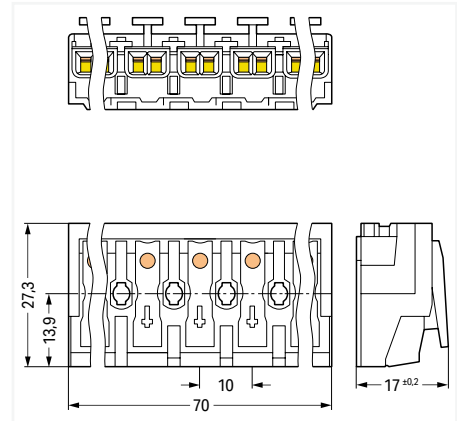
Dimensions in mm



Field-wiring terminal block; without ground contact; without snap-in mounting feet; 6-pole; white

Marking	Item No.	Pack. Unit
○ plain	294-4006	200

Dimensions in mm



Field-wiring terminal block; without ground contact; without snap-in mounting feet; 7-pole; white

Marking	Item No.	Pack. Unit
○ plain	294-4007	200

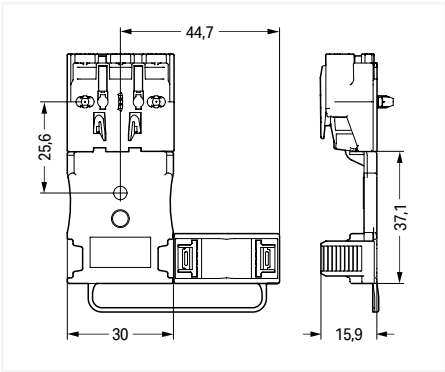
Field-wiring terminal block; without ground contact; without snap-in mounting feet; 5-pole; white

Marking	Item No.	Pack. Unit
○ L'-N'-L-PE-N	294-4325	250
○ L3-L2-L1-PE-N	294-4315	250
○ DA+ DA- L PE N	294-4335	250
○ DA- N PE L DA+	294-4375	250
○ 3-N-PE-1-2	294-4355	250

Tool and Strain Relief Plate



Dimensions in mm



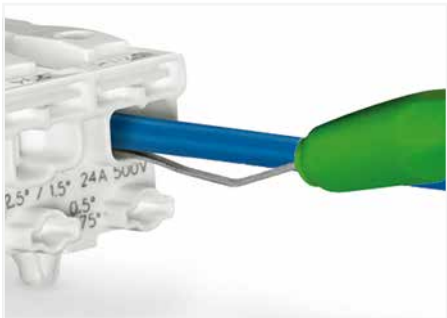
Dimensions in mm

Disconnection tool; removes conductors from PUSH WIRE® connections		
	Item No.	Pack. Unit
	206-294	1

Strain relief plate; with locking clip; for multicore cable: 1 x 5.2 ... 12 mm outer diameter		
Marking	Item No.	Pack. Unit
○ white	294-364	50

Strain relief; with snap-in mounting feet; for 4.5 ... 12 mm cable diameter		
Marking	Item No.	Pack. Unit
○ white	294-370	500

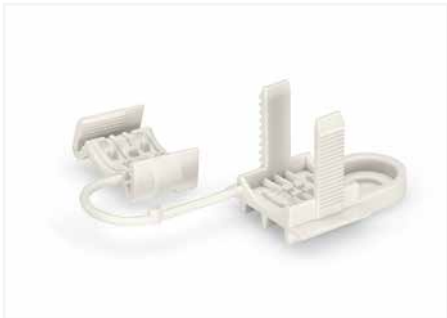
Strain relief plate; with locking clip; for flat cables and individual conductors: min. 3 x 0.5 mm², max. 5 x 2.5 mm² or 7 x 1.5 mm²		
Marking	Item No.	Pack. Unit
○ white	294-384	50



Conductor removal:
Slide disconnection tool beneath the conductor and pull both conductor and tool out.



Strain relief; for screw/rivet mounting; for 4.5 ... 12 mm cable diameter		
Marking	Item No.	Pack. Unit
○ white	294-375	500



Strain relief; for screw/rivet mounting; for 4.5 ... 12 mm cable diameter