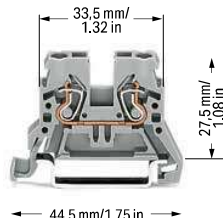


Through/Ground Conductor/Ex and Double-Potential Terminal Block for DIN-35 and DIN-15 Rails

2.5 (4 "f-st") mm²; 870 Series

Technical Data

0.08 ... 2.5 (4 "f-st") mm ² ①	28 ... 12 AWG
500 V/6 kV/3 ②	300 V, 20 A, I_{N18}
I_N 24 A	
Terminal block width: 5 mm / 0.197 inch	
6 ... 7 mm / 0.24 ... 0.28 inch	



2-conductor through terminal block; for DIN-35 rail

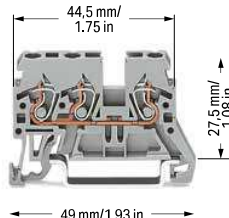
Color	Item No.	Pack, Unit
gray	870-901	100
blue	870-904 ③	100
orange	870-902	100
light gray ④	870-909 ④	100

2-conductor ground terminal block; for DIN-35 rail
Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

green-yellow	870-907	100
green-yellow ④	870-907/999-950 ④	100

Technical Data

0.08 ... 2.5 (4 "f-st") mm ² ①	28 ... 12 AWG
500 V/6 kV/3 ②	300 V, 20 A, I_{N18}
I_N 24 A	
Terminal block width: 5 mm / 0.197 inch	
6 ... 7 mm / 0.24 ... 0.28 inch	



3-conductor through terminal block; for DIN-35 rail

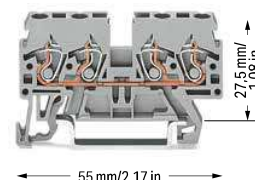
Color	Item No.	Pack, Unit
gray	870-681	100
blue	870-684 ③	100
orange	870-682	100

3-conductor ground terminal block; for DIN-35 rail
Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

green-yellow	870-687	100
--------------	---------	-----

Technical Data

0.08 ... 2.5 (4 "f-st") mm ² ①	28 ... 12 AWG
500 V/6 kV/3 ②	300 V, 20 A, I_{N18}
I_N 24 A	
Terminal block width: 5 mm / 0.197 inch	
6 ... 7 mm / 0.24 ... 0.28 inch	



4-conductor through terminal block; for DIN-35 rail

Color	Item No.	Pack, Unit
gray	870-831	100
blue	870-834 ③	100
orange	870-832	100

4-conductor ground terminal block; for DIN-35 rail
Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

green-yellow	870-837	100
--------------	---------	-----

Other terminal blocks with the same profile:

Double-potential	870-826	Page 430
------------------	---------	----------

Accessories; item-specific

End and intermediate plate; 2 mm thick

orange	870-924	100 (25)
gray	870-923	100 (25)
light gray	870-925	100 (25)

Separator; oversized; 2 mm thick

orange	870-929	100 (25)
gray	870-928	100 (25)

End and intermediate plate; 2 mm thick; for 2-conductor ground conductor Ex terminal blocks only

green-yellow	870-926	100 (25)
--------------	---------	----------

Ex e/Ex i separator; orange; 3 mm thick

90 mm	209-190	50 (25)
120 mm	209-191	50 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	870-934	100 (25)
gray	870-933	100 (25)

Separator; oversized; 1 mm thick

orange	870-947	100 (25)
gray	870-946	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	870-944	100 (25)
gray	870-943	100 (25)

Separator; oversized; 1 mm thick

orange	870-949	100 (25)
gray	870-948	100 (25)

Accessories; 870 Series

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

white	280-470	200 (25)
-------	---------	----------

Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	280-471	200 (25)
------------	---------	----------

Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
-----------	---------	----------

Push-in type jumper bar; insulated; I_N 18 A; light gray

2-way	870-402	200 (25)
3-way	870-403	200 (25)
4-way	870-404	100 (25)
5-way	870-405	100 (25)
6-way	870-406	100 (25)
7-way	870-407	100 (25)
8-way	870-408	100 (25)
9-way	870-409	100 (25)
10-way	870-410	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

1 to 3	870-433	200 (25)
1 to 4	870-434	200 (25)
1 to 5	870-435	100 (25)
1 to 6	870-436	100 (25)
1 to 7	870-437	100 (25)
1 to 8	870-438	100 (25)
1 to 9	870-439	100 (25)
1 to 10	870-440	50 (25)

Technical Data

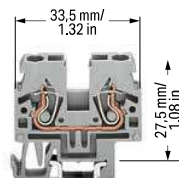
0.08 ... 2.5 (4 "f-st") mm² ① 28 ... 12 AWG

500 V/6 kV/3 ② 300 V, 20 A, ③

I_N 24 A

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



← 34.5 mm / 1.36 in →

2-conductor through terminal block; for DIN-15 rail

Color	Item No.	Pack, Unit
gray	870-911	100
light gray	870-914 ③	100
orange	870-912	100
light gray ④	870-919 ④	100

2-conductor ground terminal block; for DIN-15 rail

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

green-yellow 870-917 100

Technical Data

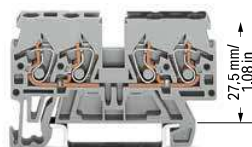
0.08 ... 2.5 (4 "f-st") mm² ① 28 ... 12 AWG

500 V/6 kV/3 ② 300 V, 20 A, ③

I_N 24 A

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



← 55 mm / 2.17 in →

Double-potential terminal block; with integrated marking level

Color	Item No.	Pack, Unit
gray	870-826	100

Notice: These double-potential terminal blocks cannot be commoned with push-in type jumper bars! Front-entry double-potential terminal blocks are space savers.

Two independent feedthrough circuits are placed in one insulated housing on one level in just 5 mm. This achieves a width of just 2.5 mm versus standard through terminal blocks for a total height of just 27.5 mm from the upper-edge of DIN-rail.

Input and output of a circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output. Technical data and accessories, visit www.wago.com

Accessories; item-specific

End and intermediate plate; 2 mm thick



orange	870-924	100 (25)
gray	870-923	100 (25)
light gray	870-925	100 (25)

Separator; oversized; 2 mm thick



orange	870-929	100 (25)
gray	870-928	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick



orange	870-944	100 (25)
gray	870-943	100 (25)

Separator; oversized; 1 mm thick



orange	870-949	100 (25)
gray	870-948	100 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks



yellow	280-405	100 (25)
--------	---------	----------

Tap-off module; with anti-reverse mating protection; snaps together; 5 mm wide



gray	870-425	100 (25)
------	---------	----------

Mini-WSB marking card; white; 10 strips with 10 markers / card; 5 mm wide markers



plain	248-501	5
-------	---------	---

① Max. insulation diameter: 4.4 mm

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

③ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

④ Suitable for Ex e II applications
0.2 ... 2.5 (4 "f-st") mm² / 24 ... 12 AWG
440 V; 22 A
(see Section 14)
Using one or more push-in type jumper bars, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A.

See application notes for:
Insulation stop, see page 346
Tap-off module, page 441
Group marker carrier, page 435

Approvals and corresponding ratings,
visit www.wago.com



7

Mounting on DIN-15 rail:

Snap individual terminal blocks onto the DIN-15 rail and slide together.

Removal from DIN-15 rail:

Open assembly by laterally sliding terminal blocks with an operating tool and remove them from the rail.



In order to meet creepage and clearance requirements for Ex e applications, it is necessary to insert an end or intermediate plate between a through and a ground conductor terminal block.

End plates 870-923 (gray), 870-924 (orange) and 870-925 (light gray), as well as separator plates 870-928 (gray) and 870-929 (orange) cannot be assembled to 2-conductor ground Ex terminal blocks (870-907/999-950).