

# WAGO Mini Rail-Mount Terminal Blocks TOPJOB® S

252

#### PUSH-IN CAGE CLAMP

# WAGO Mini Rail-Mount Terminal Blocks TOPJOB® S

# Front-Entry Wiring



Page
Miniature Through and Ground Conductor Terminal Blocks; with 2250 Series 248
Push-Buttons; for DIN-15 Rail
1 (1.5) mm² (16 AWG)



Miniature Through and Ground Conductor Terminal Blocks; for DIN-15 2050 Series 249
Rail

1 (1.5) mm<sup>2</sup> (16 AWG)



Miniature ThroughTerminal Blocks; with Push-Buttons; for DIN-15 Rail 2250 Series 250

1 (1.5) mm<sup>2</sup> (16 AWG)



Miniature ThroughTerminal Blocks; for DIN-15 Rail
1 (1.5) mm² (16 AWG)
2050 Series



# Miniature Rail-Mount Terminal Blocks TOPJOB® S; with/without push-buttons and with Push-in CAGE CLAMP® 2250 and 2050 Series

# **Description and Installation**



Insert ferruled conductors via push-in termination.



Insert fine-stranded conductors via operating tool.



Remove all conductors via operating tool.



Insert a jumper (star point jumper) and push down until it hits the backstop.



Insert a jumper (delta jumper) and push down until it hits the backstop.





Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper  $\,$ 



Snapping a marking strip (2009-110) into a marker slot.



Snapping a WMB marking strip into a marker slot.



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



stranded "st"



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



Insert ferruled conductors via push-in termination.



Insert fine-stranded conductors via operating tool.



Remove all conductors via operating tool.



Mounting a terminal strip with snap-in feet into holes.



Terminal strip; with snap-in mounting feet Snapping a mounting foot (209-120)
(Distance between mounting feet: approx. 20 ... 25 mm)



Terminal strip; with snap-in mounting feet; for DIN-35 rail (209-120 Mounting Foot)



Mounting and securing a terminal strip directly to the plate Terminal strip; with mounting flanges; screw mounting via screw-type flanges





Testing with a 2 mm Ø 210-136 Test Plug (max. 42 V).



fine-stranded, tip-bonded



fine-stranded, with ferrule (gastight crimped)



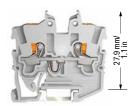
fine-stranded, with pin terminal (gastight crimped)



# Miniature Through Terminal Block and Ground Conductor Terminal Block TOPJOB® S; with Push-Button; for DIN-15 Rail

### 1 (1.5) mm<sup>2</sup>; 2250 Series

Technical Data			
0.14 1 (1.5) mm <sup>2</sup>	24 16 AWG		
500 V/6 kV/3 2	300 V, 10 A 👊		
I <sub>N</sub> 13.5 A (17.5 A)	300 V, 10 A@		
Terminal block width: 3.5 mm / 0.138 inch			
9 11 mm / 0.35 0.43 inch			



34.1 mm/1.34 in

#### 2-conductor miniature through terminal block; with push-button; for DIN-15 rail

Color	Item No.	Pack. Unit
○ gray ⓑ	2250-1201 4	100
oblue 🗟	2250-1204 3 4	100

#### 2-conductor miniature ground terminal block; with push-button; for DIN-15 rail green-yellow 2250-1207 4

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### End and intermediate plate; 1.1 mm thick

mile	gray

2050-1291 100 (25)

Push-in type	jumper bar; insulat	ed; I <sub>N</sub> 14 A; light gray



#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray

10-wav

THE REAL PROPERTY.	1 to 3	2000-433	25
	1 to 4	2000-434	25
	1 to 5	2000-435	25
	1 to 6	2000-436	25
	1 to 7	2000-437	25
	1 to 8	2000-438	25
	1 to 9	2000-439	25
	1 to 10	2000-440	25

#### Delta jumper: insulated: I<sub>N</sub> = I<sub>N</sub> terminal block: light grav 1-2 3-4 5-6 2000-406/020-000 25

Star point jumper; insulated;  $I_N = I_N$  terminal block; light

1-3-5 2000-405/011-000 25

#### Push-in type wire jumper; insulated; 0.75 mm<sup>2</sup> conductor cross-section; I<sub>N</sub> 9 A

L = 60 mm	2009-402	100 (10)	
L = 110 mm	2009-404	100 (10)	
L = 250 mm	2009-406	100 (10)	

Conductor range: 0.14 ... 1.5 mm2 "s+f-st"; Push-in termination: 0.5 ... 1.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 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.

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

- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications. 352 V; 13.5 A 12 A jumper (see Section 15)

Please observe the application notes: Jumpers, from page 174 Testing accessories, from page 168 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Modular connector; snaps together; for jumper contact slot Terminal block width: 5 mm / 0.197 inch Only for test purposes



100 (25) 2000-511

Modular connector; snaps together; for jumper contact Only for test purposes



2000-510 100 (25) gray

#### Spacer module; snaps together; bridges commoned terminal blocks



#### Test plug; with 500 mm cable; 2 mm Ø; max, 42 V 210-136 red



white

# WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

2009-113

2009-110

WMB Marker Card; white; 10 strips with 10 markers/card; plain

793-3501

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips



Steel DIN-rail; per EN 60715; 15 x 5.5 mm; 1 mm thick; 2 m long

slotted	210-111	10 (1)
unslotted	210-295	10 (1)

249-101

25

#### Aluminum DIN-rail; similar to EN 60715; 15 x 5.5 mm; 1 mm thick: 2 m long

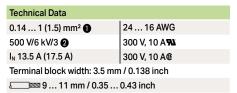


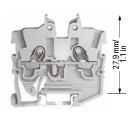
unslotted

gray

# Miniature Through Terminal Block and Ground Conductor Terminal Block TOPJOB® S; for DIN-15 Rail

#### 1 (1.5) mm<sup>2</sup>; 2050 Series





-	34 1	1 mm/	1 34 ir	1 — <b>1</b>

2-conductor miniature through terminal block; for DIN-15 rail		
Color	Item No.	Pack. Unit
○ gray ⑤	2050-1201 4	100

2050-1204 3 4

2-conductor miniature ground terminal block; for DIN-15 rail		
green-yellow @	2050-1207	100

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### End and intermediate plate; 1.1 mm thick



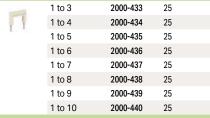
blue 🛭

gray **2050-1291** 100 (25)

#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray



#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray



#### Delta jumper; insulated; $I_N = I_N$ terminal block; light gray 1-2 3-4 5-6 2000-406/020-000 2



Star point jumper; insulated;  $I_N$  =  $I_N$  terminal block; light gray



1-3-5 2000-405/011-000

25

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



yellow 2000-115 100 (25)

 Conductor range: 0.14 ... 1.5 mm² "s+f-st"; Push-in termination: 0.5 ... 1.5 mm² "s" and 0.5 ... 0.75 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.

- 500 V = rated voltage
   6 kV = rated impulse voltage
   3 = pollution degree
   (see Section 15)
- 3 Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.
  352 V; 13.5 A
  12 A jumper
  (see Section 15)

Please observe the application notes: Jumpers, from page 174 Testing accessories, from page 168 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

# Push-in type wire jumper; insulated; 0.75 mm² conductor cross-section; $I_{\rm N}$ 9 A

	L = 60 mm	2009-402	100 (10)
$\Theta$	L = 110 mm	2009-404	100 (10)
	L = 250 mm	2009-406	100 (10)

Modular connector; snaps together; for jumper contact slot
Terminal block width: 5 mm / 0.197 inch

Terminal block width: 5 mm / 0.197 incl Only for test purposes



gray 2000-511 100 (25)

Modular connector; snaps together; for jumper contact slot Only for test purposes



gray **2000-510** 100 (25)

100 (25)

Spacer module; snaps together; bridges commoned terminal blocks



# Test plug; with 500 mm cable; 2 mm Ø; max. 42 V red 210-136 50



white

Marking strip; plain; 11 mm wide; 50 m reel

2009-110

2009-113

# WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

WMB Marker Card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain 793-3501

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### Screwless end stop; for DIN-15 rail; 6 mm wide



y **249-101** 25

# Steel DIN-rail; per EN 60715; 15 x 5.5 mm; 1 mm thick; 2 m long



slotted	210-111	10 (1)
unslotted	210-295	10 (1)

# Aluminum DIN-rail; similar to EN 60715; 15 x 5.5 mm; 1 mm thick; 2 m long



unslotted **210-296** 1

# Miniature Through Terminal Block TOPJOB® S; with Push-Button; with Mounting Flange 1 (1.5) mm²; 2250 Series

#### **Technical Data**

0.14 ... 1 (1.5) mm<sup>2</sup> **1**500 V/6 kV/3 **2**I<sub>N</sub> 13.5 A (17.5 A)

24 ... 16 AWG 300 V, 10 A **N** 300 V, 10 A **®** 

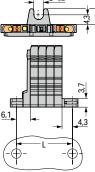
Terminal block width: 3.5 mm / 0.138 inch

9 ... 11 mm / 0.35 ... 0.43 inch



#### Dimensions (in mm):

Modular terminal blocks and terminal strips with mounting flanges L = (pole no. x 3.5 mm) + 4.3 mm + 6.1 mm



2-conductor miniature through terminal block; with push-button; end terminal block with mounting flange; for screw or similar mounting types; 4.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Color	Item No.	Pack. Unit
○ gray ⓑ	2250-301 4	100
oblue 😉	2250-304 3 4	100
areen-vellow &	2250-307 <b>4</b>	100

2-conductor miniature through terminal block; with push-button; center terminal block; without snap-in mounting foot; without mounting flange; for 0.6 ... 1.2 mm plate thickness; required between end plate and end terminal block for terminal strips with mounting flanges

0	gray 😡	2250-321 4	100
	blue 😉	2250-324 3 4	100
	green-yellow @	2250-327 🕢	100

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### End plate; with mounting flange; 1.3 mm thick

- 68

2050-381 100 (25)

Conductor range: 0.14 ... 1.5 mm² "s+f-st"; Push-in termination: 0.5 ... 1.5 mm² "s" and 0.5 ... 0.75 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.

- 500 V = rated voltage
   6 kV = rated impulse voltage
   3 = pollution degree
   (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications. 352 V; 13.5 A 12 A jumper (see Section 15)

Please observe the application notes: Jumpers, from page 174 Testing accessories, from page 168 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

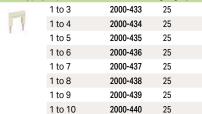
#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray

2000-402 25 2-way 2000-403 3-way 25 2000-404 25 4-way 5-way 2000-405 25 6-way 2000-406 25 7-way 2000-407 25 2000-408 25 8-way 2000-409 25 9-way 10-way 2000-410 25

#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray



Delta jumper; insulated;  $I_N = I_N$  terminal block; light gray

1-2 3-4 5-6



Star point jumper; insulated;  $I_N = I_N$  terminal block; light



1-3-5 **2000-405/011-000** 2

2000-406/020-000

# Push-in type wire jumper; insulated; $0.75 \text{ mm}^2$ conductor cross-section; $I_N 9 \text{ A}$

	L = 60 mm	2009-402	100 (10)
$\bigcap$	L = 110 mm	2009-404	100 (10)
	L = 250 mm	2009-406	100 (10)

Modular connector; snaps together; for jumper contact slot

Terminal block width: 5 mm / 0.197 inch Only for test purposes



gray **2000-511** 100 (25)

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Modular connector; snaps together; for jumper contact slot
Only for test purposes



gray

2000-510

100 (25)

100 (25)

Spacer module; snaps together; bridges commoned terminal blocks



gı

gray

y 2000-549



red 210-136 50



Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide

209-123



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



gray **209-137** 25

# Miniature Through Terminal Block TOPJOB® S; with Push-Button; with Snap-In Mounting Foot 1 (1.5) mm<sup>2</sup>; 2250 Series

**Technical Data** 

0.14 ... 1 (1.5) mm<sup>2</sup> 500 V/6 kV/3 2 I<sub>N</sub> 13.5 A (17.5 A)

24 ... 16 AWG 300 V, 10 A 👊 300 V, 10 A@

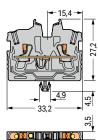
Terminal block width: 3.5 mm / 0.138 inch

**2** ■ 9 ... 11 mm / 0.35 ... 0.43 inch

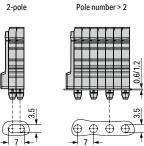


#### Dimensions (in mm):

Modular terminal blocks and terminal strips with snap-in mounting







2-conductor miniature through terminal block; with push-button; with snap-in mounting foot; for 0.6. 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum DIN-rail (210-154) or with mounting foot (209-120) for DIN-35 rail

Color	Item No.	Pack. Unit
○ gray ⓑ	2250-311 4	100
oblue 😉	2250-314 3 4	100
areen-vellow ©	2250-317	100

2-conductor miniature through terminal block; with push-button; center terminal block; without snap-in mounting foot; without mounting flange; for 0.6 ... 1.2 mm plate thickness; required between end plate and end terminal block for terminal strips with mounting flanges

○ gray ⑤	2250-321 4	100
blue	2250-324 3 4	100
green-yellow 🗟	2250-327 4	100

Conductor range: 0.14 ... 1.5 mm2 "s+f-st"; Push-in termination: 0.5 ... 1.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 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.

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

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

Terminal blocks with an Ex mark are suitable for Ex e II applications. 352 V; 13.5 A 12 A jumper (see Section 15)

Please observe the application notes: Jumpers, from page 174 Testing accessories, from page 168 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate; for terminal blocks with snap-in mounting foot; 3.4 mm thick



2050-391 gray 100 (25)

### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray

TOTAL STREET	2-way	2000-402	25
W.	3-way	2000-403	25
	4-way	2000-404	25
	5-way	2000-405	25
	6-way	2000-406	25
	7-way	2000-407	25
	8-way	2000-408	25
	9-way	2000-409	25
	10-way	2000-410	25
sh-in tyne iumner har: insulated: l <sub>v</sub> 14 A: light gray			

#### Pus

n-ın type jı	umper bar; insul	ateu; I <sub>N</sub> 14 A; II	gnit gray
M	1 to 3	2000-433	25
	1 to 4	2000-434	25
	1 to 5	2000-435	25
	1 to 6	2000-436	25
	1 to 7	2000-437	25
	1 to 8	2000-438	25
	1 to 9	2000-439	25
	1 to 10	2000-440	25

#### Delta jumper; insulated; I<sub>N</sub> = I<sub>N</sub> terminal block; light gray

1-2 3-4 5-6

1-3-5



Star point jumper; insulated; I<sub>N</sub> = I<sub>N</sub> terminal block; light



Push-in type wire jumper; insulated; 0.75 mm² conductor

2000-406/020-000

2000-405/011-000

25

	-section	ı; I <sub>N</sub> 9 A	a.a.coa, 0.7 0	001144010
A	L = 60 mm	2009-402	100 (10)	
	L = 110 mm	2009-404	100 (10)	
	L = 250 mm	2009-406	100 (10)	

#### Accessories; 2250 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Modular connector; snaps together; for jumper contact

Terminal block width: 5 mm / 0.197 inch Only for test purposes



2000-511 100 (25)

Modular connector; snaps together; for jumper contact slot





Spacer module; snaps together; bridges commoned terminal blocks



2000-549 100 (25)

210-154

#### Test plug; with 500 mm cable; 2 mm Ø; max. 42 V 210-136 50



Aluminum DIN-rail; 1000 mm long; 18 mm wide; 7 mm



Plastic end stop; with WSB marker slot; for aluminum DIN-rail (210-154); 6 mm wide



209-122 25

Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide



Mounting screw; for mounting foot (209-120)

209-119

209-120

25

500 (50)

Mounting adapter; for DIN-35 rail; can be used as end plate: 6.5 mm wide



gray



# Miniature Through Terminal Block TOPJOB® S; with Mounting Flange 1 (1.5) mm<sup>2</sup>; 2050 Series

#### **Technical Data**

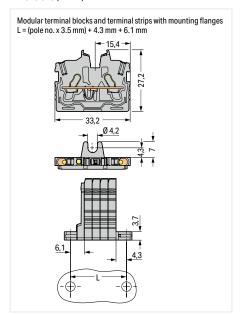
0.14 ... 1 (1.5) mm<sup>2</sup> 24 ... 16 AWG 500 V/6 kV/3 2 300 V. 10 A 50 I<sub>N</sub> 13.5 A (17.5 A) 300 V, 10 A@

Terminal block width: 3.5 mm / 0.138 inch

□ 9 ... 11 mm / 0.35 ... 0.43 inch



#### Dimensions (in mm):



2-conductor miniature through terminal block; with mounting flange; for screw or similar mounting types; 4.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Color	Item No.	Pack. Unit
○ gray ⑤	2050-301 4	100
O blue ©	2050-304 3 4	100
areen-vellow ®	2050-307	100

2-conductor miniature through terminal block; center terminal block; without snap-in mounting foot; without mounting flange; for 0.6 ... 1.2 mm plate thickness; required between end plate and end terminal block for terminal strips with mounting flanges

gray	2050-321 4	100
oblue ©	2050-324 3 4	100
green-yellow 🗟	2050-327 4	100

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### End plate; with mounting flange; 1.3 mm thick

	gray	2050-381	100 (25)
-50			

Conductor range: 0.14 ... 1.5 mm2 "s+f-st"; Push-in termination: 0.5 ... 1.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 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.

- 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications. 352 V; 13.5 A 12 A jumper (see Section 15)

Please observe the application notes: Jumpers, from page 174 Testing accessories, from page 168 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray

111	2-way	2000-402	25
	3-way	2000-403	25
1.10	4-way	2000-404	25
	5-way	2000-405	25
	6-way	2000-406	25
	7-way	2000-407	25
	8-way	2000-408	25
	9-way	2000-409	25
	10-way	2000-410	25

#### Push-in type jumper bar; insulated; I<sub>N</sub> 14 A; light gray

THE REAL PROPERTY.	1 to 3	2000-433	25	
1	1 to 4	2000-434	25	
	1 to 5	2000-435	25	
	1 to 6	2000-436	25	
	1 to 7	2000-437	25	
	1 to 8	2000-438	25	
	1 to 9	2000-439	25	
	1 to 10	2000-440	25	

#### Delta jumper; insulated; I<sub>N</sub> = I<sub>N</sub> terminal block; light gray

1-2 3-4 5-6 2000-406/020-000

Star point jumper; insulated; I<sub>N</sub> = I<sub>N</sub> terminal block; light



#### Push-in type wire jumper; insulated; 0.75 mm<sup>2</sup> conductor cross-section; IN 9 A

L = 60 mm	2009-402	100 (10)
L = 110 mm	2009-404	100 (10)
L = 250 mm	2009-406	100 (10)

2000-115

100 (25)

100 (25)

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

yellow

Modular connector; snaps together; for jumper contact slot Terminal block width: 5 mm / 0.197 inch Only for test purposes



THEFT

2000-511

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Modular connector; snaps together; for jumper contact slot Only for test purposes



2000-510

100 (25)

Spacer module; snaps together; bridges commoned



gray

red

2000-549

210-136

100 (25)

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



Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



209-123

Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



# Miniature Through Terminal Block TOPJOB® S; with Snap-In Mounting Foot 1 (1.5) mm<sup>2</sup>; 2050 Series

#### **Technical Data**

0.14 ... 1 (1.5) mm<sup>2</sup> 24 ... 16 AWG 300 V, 10 A 👊 500 V/6 kV/3 2 I<sub>N</sub> 13.5 A (17.5 A) 300 V, 10 A@

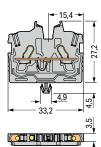
Terminal block width: 3.5 mm / 0.138 inch

**2** ■ 9 ... 11 mm / 0.35 ... 0.43 inch



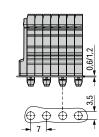
#### Dimensions (in mm):

Modular terminal blocks and terminal strips with snap-in mounting





Pole number > 2



2-conductor miniature through terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum DIN-rail (210-154) or with mounting foot (209-120) for DIN-35 rail

Color	Item No.	Pack. Unit
○ gray ⓑ	2050-311 4	100
oblue 😉	2050-314 3 4	100
areen-vellow 🖾	2050-317	100

2-conductor miniature through terminal block; center terminal block; without snap-in mounting foot; without mounting flange; for 0.6 ... 1.2 mm plate thickness required between end plate and end terminal block for terminal strips with mounting flanges

○ gray ⑤	2050-321 4	100
blue 🚱	2050-324 3 4	100
green-yellow @	2050-327 4	100

Conductor range: 0.14 ... 1.5 mm2 "s+f-st"; Push-in termination: 0.5 ... 1.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 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.

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

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

Terminal blocks with an Ex mark are suitable for Ex e II applications. 352 V; 13.5 A 12 A jumper (see Section 15)

Please observe the application notes: Jumpers, from page 174 Testing accessories, from page 168 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate; for terminal blocks with snap-in mounting foot; 3.4 mm thick



2050-391 gray 100 (25)

ush-in type jumper bar; insulated; l <sub>N</sub> 14 A; lig	ht gray



ii-iii type ji	amper bar, madi	ateu, in 14 A, iii	grit gray
M	1 to 3	2000-433	25
	1 to 4	2000-434	25
	1 to 5	2000-435	25
	1 to 6	2000-436	25
	1 to 7	2000-437	25
	1 to 8	2000-438	25
	1 to 9	2000-439	25
	1 to 10	2000-440	25

#### Delta jumper; insulated; $I_N = I_N$ terminal block; light gray

Star point jumper; insulated; I<sub>N</sub> = I<sub>N</sub> terminal block; light

1-2 3-4 5-6



2000-406/020-000



2000-405/011-000 25

Push-in type wire jumper; insulated; 0.75 mm<sup>2</sup> conductor cross-section; I<sub>N</sub> 9 A

$\bigcap$	L = 60 mm	2009-402	100 (10)
	L = 110 mm	2009-404	100 (10)
	L = 250 mm	2009-406	100 (10)

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

THE

2000-115 vellow 100 (25)

# Accessories; 2050 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Modular connector; snaps together; for jumper contact slot Terminal block width: 5 mm / 0.197 inch Only for test purposes



2000-511

Modular connector; snaps together; for jumper contact slot Only for test purposes



gray

2000-510

100 (25)

100 (25)

Spacer module; snaps together; bridges commoned terminal blocks



gray

red

2000-549 100 (25)



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



210-136

210-154

50

Aluminum DIN-rail; 1000 mm long; 18 mm wide; 7 mm



Plastic end stop; with WSB marker slot; for aluminum DIN-rail (210-154); 6 mm wide

209-122 25

Mounting foot; for DIN-35 rail; snaps onto terminal blocks

with snap-in mounting foot; 6.4 mm wide 25 209-120 gray



Mounting screw; for mounting foot (209-120)

209-119 500 (50)

25

Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



gray

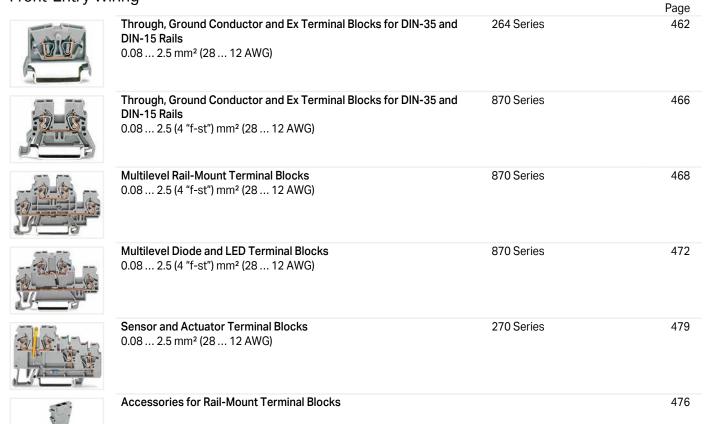




WAGO Rail-Mount Terminal Blocks Mini WAGO Rail-Mount Terminal Blocks Compact

# WAGO Rail-Mount Terminal Blocks Mini WAGO Rail-Mount Terminal Blocks Compact

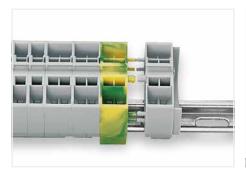
### Front-Entry Wiring



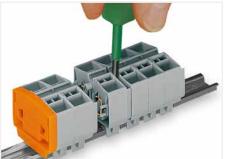


# Rail-Mount Terminal Blocks Mini; for DIN-15 and DIN-35 Rails 264 Series

# **Description and Installation**



Quick assembly keys prevent reverse mounting.



Separate terminal strip and slide individual terminal block laterally.

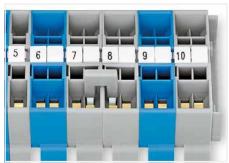


Remove terminal block from the DIN-rail with a levering action.



Commoning with comb-style jumper bar.





Commoning with comb-style jumper bar.



Easy-to-use miniature blocks that require minimal enclosure space.



Combining 2- and 4-conductor terminal blocks.



Marking via Mini-WSB Quick Marking System.



CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"



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

### CAGE CLAMP<sup>®</sup>



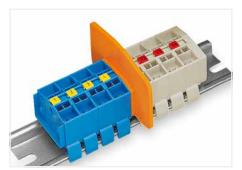
CAGE CLAMP® termination:

Inserting a conductor.

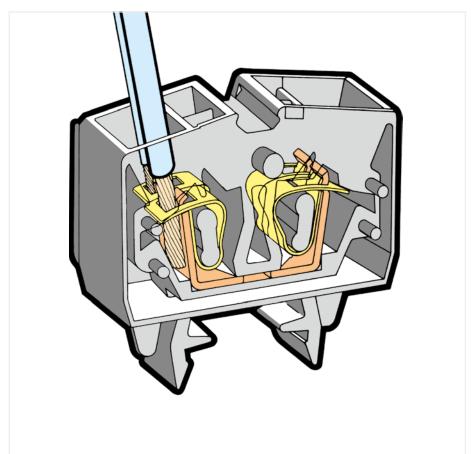
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.



Separating groups via intermediate plates.



Ex e/Ex i separator plate for miniature rail-mount terminal





Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.



Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A) – CAGE CLAMP® clamps individual test contacts

The maximum test voltage is 400 V.



Marking with T-marker tag (209-290).



fine-stranded, tip-bonded



fine-stranded, with ferrule (gastight crimped)



fine-stranded, with pin terminal (gastight crimped)





# Miniature Through/Ground Conductor and Ex Terminal Block; for DIN-35 Rail 2.5 mm<sup>2</sup>; 264 Series

Technical Data			
0.08 2.5 mm <sup>2</sup>	28 12 AWG*		
800 V/8 kV/3 1	300 V, 20 A 👊		
I <sub>N</sub> 24 A	600 V, 20 A®		
Terminal block width: 6 mm / 0.236 inch			
89 mm / 0.31 0.35 inch			

Technical Data		
	28 12 AWG*	
	300 V, 20 A 👊	
I <sub>N</sub> 24 A	600 V, 20 A®	
Terminal block width: 10 mm / 0.394 inch		

■8 ... 9 mm / 0.31 ... 0.35 inch



24.5 mm	0.96 in
→ 38 mm/1.5 in →	
conductor miniature through terminal block	; for D

2-conductor miniature through terminal block; for DIN-35 rail				
Color	Item No.	Pack. Unit		
gray	264-711	100		
blue	264-714 2	100		
orange	264-716	100		
○ light gray ⑤	264-125 3	100		

Accessories; item-specific				
Alternate comb-style jumper bar; insulated; $I_N = I_N$ of terminal block				
П	2-way	281-492	100 (25)	

Test plug module; snaps together; 6 mm wide				
P	gray	249-136	100 (25)	

24.5 mm/ 0.96 in
→ 38 mm/1.5 in →

4-conductor miniature through terminal block; for DIN-35 rail				
Color	Item No.	Pack. Unit		
gray	264-731	100		
blue	264-734 2	100		
orange	264-736	100		
O light gray ©	264-225 3	100		

Accessories; item-specific				
Alternate comb-style jumper bar; insulated; $I_N$ = $I_N$ of terminal block				
П	2-way	280-492	200 (25)	

Test plug module; snaps together; 10 mm wide				
Ü	gray	249-139	100 (25)	



4-conductor miniature ground terminal block; for DIN-35 rail

- 46.5 mm/1.83 in

Color	Item No.	Pack. Unit
green-yellow	264-737	100
green-yellow 🗟	264-737/999-950 3	100

Accessories; item-specific				
Alternate comb-style jumper bar; insulated; $I_N$ = $I_N$ of terminal block				
п	2-way	280-492	200 (25)	

Test plug module; snaps together; 10 mm wide				
Ū	gray	249-139	100 (25)	

#### \*12 AWG: THHN, THWN

- 800 V = rated voltage 8 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- 2 Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- 3 Terminal blocks with an Ex mark are suitable for Ex e II 0.5 ... 2.5 mm<sup>2</sup> / 20 ... 12 AWG\* 690 V; 23 A (see Section 15)

See application notes for: Alternate comb-style jumper bar, page 383 Test plug module, page 510 Mini-WSB marking system, page 641

Approvals and corresponding ratings, visit www.wago.com

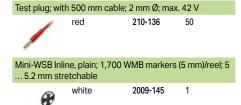
#### Accessories; 264 Series

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/T-marker tag

End and intermediate plate; 4 mm thick				
	orange	264-369	25	
(E)	gray	264-368	25	
	light gray	264-370	25	
Ex e/Ex i separator; orange; 4 mm thick				
( <u>(</u> )	66 mm	264-367	25	

Comb-style jumper bar; insulated; reduces maximum conductor size to 1.5 mm²; I <sub>N</sub> 16 A; gray				
2-way 264-402 200 (25)				

Operating tool; insulated			
2-way	280-432	1	



Mini-WSB ma		; white; 10 strips with s	n 10 markers/
MITTITUTE	plain	248-501	5
Screwless en	d stop; for	DIN-35 rail; 6 mm w	ide
	gray	249-116	100 (25)

Steel DIN-rail	; per EN 60715	i; 35 x 7.5 mm;	1 mm thick;
	slotted	210-112	10 (1)
1100	unslotted	210-113	10
Aluminum DII	N-rail: similar to	EN 60715: 35	5 x 8.2 mm:

1.6 mm thick; 2 m long				
	unslotted	210-196	10	
1				



## Miniature Through/Ground Conductor and Ex Terminal Block; for DIN-15 Rail 2.5 mm<sup>2</sup>; 264 Series

Technical Data	
0.08 2.5 mm <sup>2</sup>	28 12 AWG*
800 V/8 kV/3 1	300 V, 20 A 🗫
I <sub>N</sub> 24 A	600 V, 20 A@
Terminal block width: 6 mm	n / 0.236 inch
	0.35 inch

Technical Data	
0.08 2.5 mm <sup>2</sup>	28 12 AWG*
800 V/8 kV/3 ①	300 V, 20 A <b>N</b>
I <sub>N</sub> 24 A	600 V, 20 A®
Torminal blook width, 10 mm	/ 0.204 inah

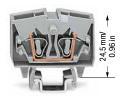
□ 8 ... 9 mm / 0.31 ... 0.35 inch

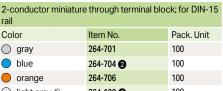
\*12 AWG: THHN, THWN

- 800 V = rated voltage 8 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- 2 Terminal blocks with a blue insulated housing are suitable for Exiapplications.
- 3 Terminal blocks with an Ex mark are suitable for Ex e II 0.5 ... 2.5 mm<sup>2</sup> / 20 ... 12 AWG\* 690 V; 23 A (see Section 15)

See application notes for: Alternate comb-style jumper bar, page 383 Test plug module, page 510 Mini-WSB marking system, page 641

Approvals and corresponding ratings, visit www.wago.com





- 32 mm/1.26 in

rail			
Color	Item No.	Pack. Unit	
gray	264-701	100	
blue	264-704 2	100	
orange	264-706	100	
light gray 🛭	264-120 3	100	

or	Item No.	Pack. Unit
gray	264-701	100
blue	264-704 2	100
orange	264-706	100
light gray 🗟	264-120 3	100

Accessorie	s; item-specif	ic	
Alternate c	, , ,	per bar; insulate	d; $I_N = I_N$ of
	2-way	281-492	100 (25)

Test plug m	odule; snaps	together; 6 mm w	ride	
	gray	249-136	100 (25)	



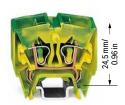
4-conductor miniature through terminal block; for DIN-15 rail			
Color	Item No.	Pack. Unit	
gray	264-721	100	
blue	264-724 2	100	
orange	264-726	100	
☐ light gray ⑤	264-220 3	100	

- 32 mm/1.26 in

Accessories; item-specific				
Alternate con terminal bloc	, , ,	er bar; insulated	d; $I_N = I_N$ of	
П	2-way	280-492	200 (25)	







4-conductor miniature ground terminal block; for DIN-15

Idii		
Color	Item No.	Pack. Unit
green-yellow	264-727	100
green-yellow 🗟	264-727/999-950 3	100

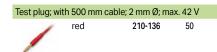
→ 32 mm/1.26 in -

Accessori	es; item-specifi	ic	
Alternate of terminal bl	, , ,	per bar; insulate	d; $I_N = I_N$ of
П	2-way	280-492	200 (25)

lest plug m	nodule; snaps	togetner; 10 mm	wiae
V	gray	249-139	100 (25)



Operating to	ol; insulated			
	2-way	280-432	1	
-				



Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 5.2 mm stretchable 2009-145



Screwless end stop; for DIN-15 rail; 6 mm wide gray 249-101 25			
/2ml).	gray	249-101	25
1	040.404		

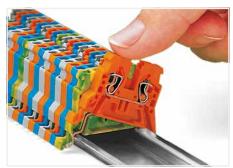
Steel DIN-rail; per EN 60715; 15 x 5.5 mm; 1 mm thick; 2 m long			
10.	slotted	210-111	10 (1)
	unslotted	210-295	10 (1)

1 mm thick; 2	N-rail; similar to ? m long	EN 60/15; 1	o x 5.5 mm;
11	unslotted	210-296	1

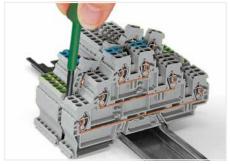


# Rail-Mount Terminal Blocks Compact; for DIN-15 and DIN-35 Rails 870 Series

# **Description and Installation**



Snapping a rail-mount terminal block onto DIN-35 rail.



Removing a terminal block from the assembly.



Inserting insulation stops into conductor entry holes of terminal strip.



Push jumper bars down firmly until fully inserted. When using multipole bars, push alternately on the right and then left side until installed.

Push-in type jumper bars 1-3-5-7 or 1-4-7 are available upon request.



Commoning with push-in type jumper bars: Two parallel jumper slots are accommodated in one terminal block.





Commoning terminal blocks of different sizes via step-down jumpers.



Testing:
Using a pre-wired module assembly, similar to test plugs.



Testing with phase testing device, also possible with single-pole voltage tester.



CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"



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

### CAGE CLAMP<sup>®</sup>



CAGE CLAMP® termination:

Inserting a conductor via operating tool (0.08 ... 4 mm<sup>2</sup> "f-st").

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



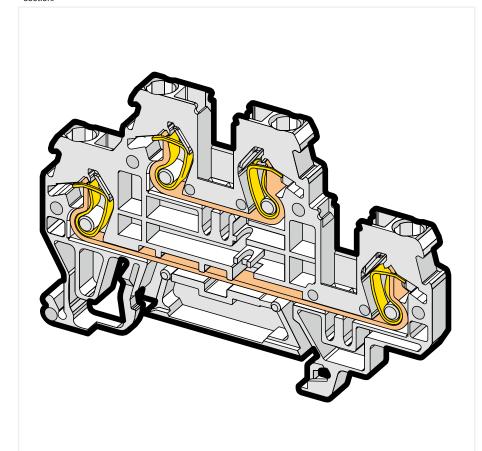
CAGE CLAMP® termination:

Inserting a conductor via operating tool (0.08 ... 4 mm<sup>2</sup> "f-st")



Multilevel terminal blocks:

Double- and triple-deck terminal blocks with internal commoning acting as 4- and 6-conductor terminal blocks





Protective warning marker (280-405); with a black high-voltage symbol



WMB markers in Mini-WSB marker slots Marking strip; translucent Mini-WSB markers



Use 50% less rail space with double-deck terminal blocks.



Use 67% less rail space with triple-deck terminal blocks.



Translucent marking strip (709-196) – jumpers below may be visible.



fine-stranded, tip-bonded



fine-stranded, with ferrule (gastight crimped)

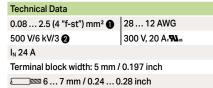


fine-stranded, with pin terminal (gastight crimped)



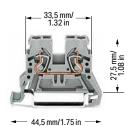
# Through/Ground Conductor/Ex and Double-Potential Terminal Block for DIN-35 and DIN-15

# 2.5 (4 "f-st") mm2; 870 Series

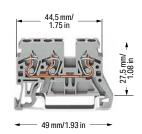


**Technical Data** 0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 Ac SNA us 500 V/6 kV/3 2 I<sub>N</sub> 24 A Terminal block width: 5 mm / 0.197 inch □ 6 ... 7 mm / 0.24 ... 0.28 inch

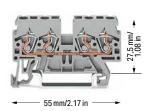
**Technical Data** 0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 A: **93**4 us 500 V/6 kV/3 2 I<sub>N</sub> 24 A Terminal block width: 5 mm / 0.197 inch 6 ... 7 mm / 0.24 ... 0.28 inch





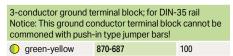


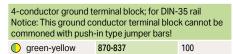
3-conductor through terminal block; for DIN-35 rail				
Color	Item No.	Pack. Unit		
gray	870-681	100		
<b>blue</b> 870-684 <b>1</b> 00				
orange 870-682 100				



4-conductor throught terminal block, for Din-55 fall			
Color	Item No.	Pack. Unit	
gray	870-831	100	
blue	870-834 🔇	100	
orange	870-832	100	







Other terminal blocks with the same profile:





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



Ex e/Ex i separator; orange; 3 mm thick				
	90 mm	209-190	50 (25)	
	120 mm	209-191	50 (25)	
1				

Accessories; 870 Series

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



Push-in type jumper bar; insulated; I <sub>N</sub> 18 A; light gray			
Towns or the Party of the Party	2-way	870-402	200 (25)
2.8	3-way	870-403	200 (25)
W. tr	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 j	umper bar; ins	sulated; I <sub>N</sub> 18 A	; light gray
	1 to 3	870-433	200 (25)
LEVELLE	1 to 4	870-434	200 (25)
L	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") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 A: 944 ss 500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

 $\blacksquare \blacksquare \blacksquare \blacksquare 6 \dots 7 \text{ mm} / 0.24 \dots 0.28 \text{ inch}$ 



→ 34,5 mm/1.36 in 
→

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

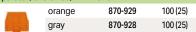
Color	Item No.	Pack. Unit	
gray	870-911	100	
<ul><li>light gray</li></ul>	870-914 3	100	
orange	870-912	100	
O light gray 🛭	870-919 4	100	

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
green-yellow 🗟	870-917/999-950 4	100

#### 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)	
	u caraina di O mana	+hiale		



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



/SCHARTED	green-yellow	010-320	100 (23)
-			

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

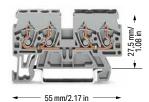
90 mm	209-190	50 (25)
120 mm	209-191	50 (25)

#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 A: **%** us 500 V/6 kV/3 2 I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch



# Double-potential terminal block; with integrated marking

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 upperedge 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

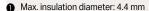
#### Accessories; item-specific

End	and	interm	ediate	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)



- 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Suitable for Ex e II applications 0.2 ... 2.5 (4 "f-st") mm2 / 24 ... 12 AWG 440 V; 22 A

(see Section 15)

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, page 382 Tap-off module, page 477 Group marker carrier, page 471

Approvals and corresponding ratings, visit www.wago.com



#### 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).

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

Tap-off module; with anti-reverse mating protection;



snaps together; 5 mm wide

gray

280-405

870-425

100 (25)

100 (25)

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

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5

2009-145



5.2 mm stretchable

white

plain

248-501 5

W/AGO

### **Double-Deck Terminal Block** 2.5 (4 "f-st") mm2; 870 Series

#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 28 ... 12 AWG 300 V, 20 A: **933** us 500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch

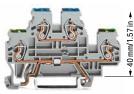


0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 28 ... 12 AWG 500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch



#### Double-deck terminal block; through/through terminal block; gray

	Item No.	Pack. Unit
○ L/L	870-501	50
○ N/L	870-502	50
○ L/N	870-503	50

Double-deck terminal block; through/through terminal block; blue

870-504 3 N/N

Double-deck terminal block; through/through terminal block; light gray

○ L/L 870-961 4

Other terminal blocks with the same profile.			
	Diode	870-540/281-410	Page 472
	LED	070-5/2/201-/2/	Page 472



<b>→</b> 70 mm/2.76 in →
Double-deck terminal block; ground conductor/through
terminal block; gray

	Item No.	Pack. Unit
O PE/N	870-517	50
O PE/L	870-527	50

Double-deck terminal block; ground conductor/through terminal block; light gray

**870-967/999-950 3** 50 O PE/L ®

Max. insulation diameter: 4.4 mm

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

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

Suitable for Ex e II applications 0.2 ... 2.5 (4 "f-st") mm2 / 24 ... 12 AWG 440 V; 22 A

(see Section 15)

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, page 382 Group marker carrier, page 471

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 870 Series

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

#### End and intermediate plate; 2 mm thick

Alle Marie	orange	870-519	100 (25)
	gray	870-518	100 (25)

50 (25)

200 (25)

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



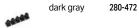
Insulation stop; 0.08 ... 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pcs/strip



#### Insulation stop: 0.25 ... 0.5 mm<sup>2</sup>: 5 pcs/strip



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



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



yellow	ellow 280-405	

#### Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray

Section 2	2-way	870-402	200 (25)	
179	3-way	870-403	200 (25)	
11. 11	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





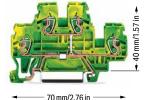
Double-deck terminal block; 4-conductor through terminal block; internally commoned; Violet conductor entry; gray

70 mm/2 76 in

	Item No.	Pack. Unit
() L	870-508	50

Double-deck terminal block; 4-conductor through terminal block; internally commoned; Violet conductor entry; blue

N 870-509 3 50



Double-deck terminal block; 4-conductor ground terminal block; internally commoned; green-yellow

	Item No.	Pack. Unit
O PE	870-507	50

### 3-Conductor Double-Deck Terminal Block

### 2.5 (4 "f-st") mm<sup>2</sup>; 870 Series

#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 500 V/6 kV/3 2

300 V, 20 A: 944 ss

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

 $\blacksquare \blacksquare \blacksquare \blacksquare 6 \dots 7 \text{ mm} / 0.24 \dots 0.28 \text{ inch}$ 



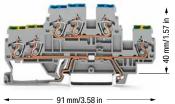
0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 28 ... 12 AWG

500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch



3-conductor double-deck terminal block; through/ through terminal block; gray

	Item No.	Pack. Unit
○ L/L	870-531	50
○ N/L	870-532	50
○ L/N	870-533	50

91 mm/3.58 in

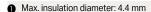
3-conductor double-deck terminal block; through/

CITIC	Jugir terrimai bioci	t, bluc	
	N/N	870-534 3	50



3-conductor double-d				oun	d c	or	۱-
ductor/through termina	al blo	ck; gray	/				

	Item No.	Pack. Unit
O PE/N	870-535	50
O PE/L	870-536	50



- 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Exiapplications.

See application notes for: Insulation stop, page 382 Group marker carrier, page 471

Approvals and corresponding ratings,

visit www.wago.com

#### Accessories; 870 Series

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

#### End and intermediate plate: 2 mm thick

End and inten	riculate plate, 2	min dilok	
	orange	870-574	100 (25)
	gray	870-573	100 (25)

Insulation stop; 0.08 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5
pcs/strip

pcs/strip				
	white	280-470	200 (25)	

#### Insulation stop; 0.25 ... 0.5 mm<sup>2</sup>; 5 pcs/strip

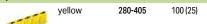
280-471 200 (25) light gray

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

280-472 200 (25) dark gray



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



### Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray

100	2-way	870-402	200 (25)
1	3-way	870-403	200 (25)
H m	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)
1			1.1

#### Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray

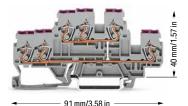
in	1 to 3	870-433	200 (25)
	1 to 4	870-434	200 (25)
	1 to 5	870-435	100 (25)
	1 to 6	870-436	100 (25)
	1 to 7	870-437	100 (25)
	1 to 8	870-438	100 (25)
	1 to 9	870-439	100 (25)
	1 to 10	870-440	50 (25)

2009-145

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable





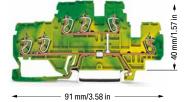


3-conductor double-deck terminal block; 6-conductor through terminal block; internally commoned; Violet conductor entry; gray

	Item No.	Pack. Unit
$\bigcirc$ I	970-539	50

3-conductor double-deck terminal block; 6-conductor through terminal block; internally commoned; Violet conductor entry; blue

870-539 3



3-conductor double-deck terminal block; 6-conductor ground terminal block; internally commoned; green-yel-

	Item No.	Pack. Unit
O PE	870-537	50



LED



# **Triple-Deck Terminal Block** 2.5 (4 "f-st") mm2; 870 Series

#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 28 ... 12 AWG 300 V, 20 A: **933** us 500 V/6 kV/3 2

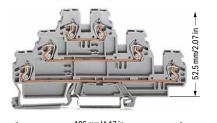
I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch



□ 6 ... 7 mm / 0.24 ... 0.28 inch



Triple-deck terminal block; through/through/ terminal block; gray

	Item No.	Pack. Unit
○ L/L/L	870-551	50
○ L/L/N	870-553	50

#### Triple-deck terminal block; through/through terminal block; light gray

○ L/L/L ©	870-951 3	50
-----------	-----------	----

Triple-deck terminal block; shield conductor/through/ through terminal block; gray

	Item No.	Pack. Unit
○ Shield/N/L	870-558	50
○ Shield/L/L	870-559	50

#### Triple-deck terminal block; ground conductor/through/ through terminal block; gray

O PE/N/L	870-567	50
O PE/L/L	870-577	50

Triple-deck terminal block; ground conductor/through/

an ough torrinia broa	,		
○ DE/I /I ⑤	970-957/999-950	50	

Other terminal blocks	with the same profile:	
Diode	870-590/281-410	Page 474

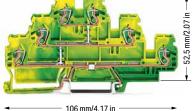
870-593/281-434

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106 mm/4.17 in Triple-deck terminal block; 6-conductor through terminal block; internally commoned; Violet conductor entry; gray

		,		,, , ,
			Item No.	Pack. Unit
$\bigcirc$	L		870-556	50



Triple-deck terminal block; 6-conductor ground terminal block; internally commoned; green-yellow

	,		,	
		Item No.		Pack. Unit
O PE		870-557		50

#### Max. insulation diameter: 4.4 mm

- 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Suitable for Ex e II applications 0.2 ... 2.5 (4 "f-st") mm2 / 24 ... 12 AWG 440 V; 22 A (see Section 15)

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, page 382 Group marker carrier, page 471

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 870 Series

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

#### End and intermediate plate; 2 mm thick

orange	870-569	100 (25)
gray	870-568	100 (25)

Insulation s pcs/strip	stop; 0.08	. 0.2 mm² "s" (0.14 m	nm² "f-st"); 5
	white	280-470	200 (25)



#### 200 (25) light gray

#### Insulation stop; 0.75 ... 1 mm<sup>2</sup>; 5 pcs/strip 280-472 200 (25) dark gray

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

 yellow	280-405	100 (25)

#### Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray

Name of	2-way	870-402	200 (25)
15	3-way	870-403	200 (25)
H to	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)

#### ated; I<sub>N</sub> 18 A; light gray Push-in type jumper bar; insu



Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 .. 5.2 mm stretchable



# Group Marker Carrier, Marking Strip and Push-In Type Jumper Bar



Group marker carrier; fits into the jumper slot of the
current bars
Module width: 5 mm

Color	Item No.	Pack. Unit
gray	870-184	50 (25)

Group marker carrier; fits into the jumper slot of the current bars
Module width: 10 mm

gray

870-183

50 (25)

Group marker carrier; fits into the jumper slot of the current bars

Module width: 15 mm

gray

870-182

50 (25)



Color	Item No.	Pack. Unit
transluscent	709-196	50 (25)



In addition to the plastic marker strips, group marker carriers are now available for the WMB and WSB marking systems. They can be mounted in parallel to a push-in type jumper bar via the open jumper contact slot. It is also very useful if the marker slots on the side of the terminal block are hidden. The carriers are available in the following widths: 5 mm (0.197 inch), 10 mm (0.394 inch) and 15 mm (0.591 inch).

#### Notice:

Group marker carriers are not suitable for ground conductor terminal blocks and double potential terminal blocks as they have no jumper contact slots.



Ready-made push-in type jumper bar; i	nsulated; I <sub>N</sub> 18 A;
light gray	

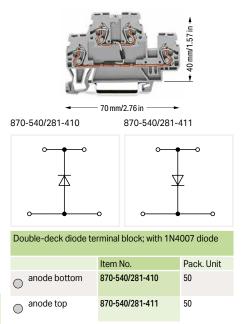
light gray		
	Item No.	Pack. Unit
O 1-3-5	870-405/011-000	200 (25)
O 1-3-5-7	870-407/011-000	200 (25)
O 1-3-5-7-9	870-409/011-000	100 (25)



Delta jumper; insu	lated; 1-2 3-4 5-6; I <sub>N</sub> 18	Α
Color	Item No.	Pack. Ur
<ul><li>light gray</li></ul>	870-406/020-000	100 (25)

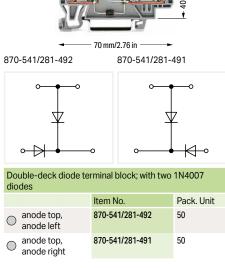
# Double-Deck Diode Terminal Block and LED Terminal Block 2.5 (4 "f-st") mm<sup>2</sup>; 870 Series

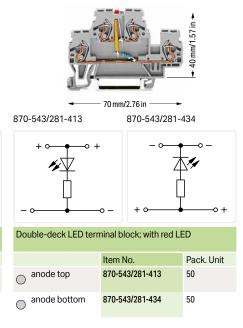
#### 

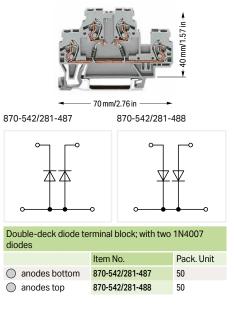


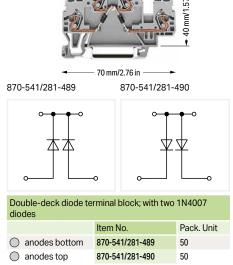
Other terminal blocks with the same profile:
Through 870-501

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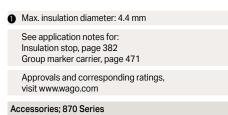








# **Double-Deck Diode Terminal Blocks and LED Terminal Blocks** Circuit Configuration Examples

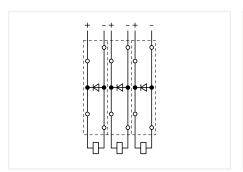


Appropriate marking systems: Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 2 mm thick 870-519 100 (25) orange 870-518 100 (25)

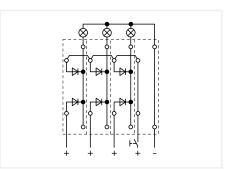
Insulation stop; 0.08 ... 0.2 mm2 "s" (0.14 mm2 "f-st"); 5 pcs/strip

white 280-470 200 (25)



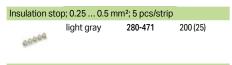
Recovery diodes can be created using the following termi-

870-540/281-410 or 870-540/281-411



Lamp test circuits can be created using the following terminal blocks

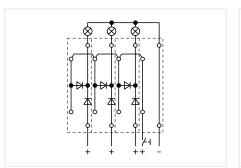
870-542/281-487 or 870-542/281-488



dark gray 280-472 200 (25)

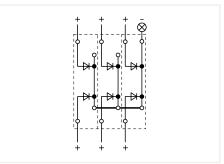
#### Protective warning marker; with black high-voltage symbol; for 5 terminal blocks





Lamp test circuits can be created using the following terminal blocks:

870-541/281-492 or 870-541/281-491



Collective fault signals can be created using the following terminal blocks:

870-541/281-489 or 870-541/281-490

#### Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray 870-402 200 (25) 2-way 3-way 870-403 200 (25) 870-404 100 (25) 4-way 100 (25) 870-405 5-way 870-406 100 (25) 6-way 7-way 870-407 100 (25) 8-way 870-408 100 (25) 100 (25) 9-wav 870-409 10-way 870-410 50 (25) Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray 870-433 200 (25) 1 to 3 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) 870-440 50 (25) 1 to 10

Marking strip; plain; 7.5 mm w ide; 1 m long 709-196 transluscent

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 . 5.2 mm stretchable

white

2009-145

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

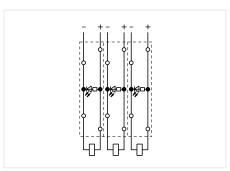


248-501

Double-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.

Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits. These terminal blocks provide high-density wiring in a width of just 5 mm.

Push-in type jumper bars provide additional options for custom circuit design.



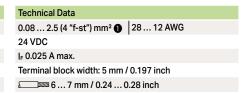
Circuit-related voltage indications can be created using the following terminal blocks:

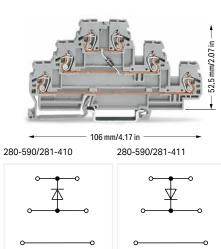
870-543/281-434 or 870-543/281-413

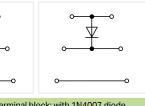
# Triple-Deck Diode Terminal Block and LED Terminal Block 2.5 (4 "f-st") mm<sup>2</sup>; 870 Series

#### **Technical Data** 0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 28 ... 12 AWG $U_{N}$ 250 V; $U_{RM}$ 1000 V 1N4007 - 0.5 A continuous current Terminal block width: 5 mm / 0.197 inch 6 ... 7 mm / 0.24 ... 0.28 inch

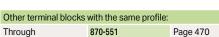
#### **Technical Data** 0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 28 ... 12 AWG $U_{N}$ 250 V; $U_{RM}$ 1000 V 1N4007 - 0.5 A continuous current Terminal block width: 5 mm / 0.197 inch □ 6 ... 7 mm / 0.24 ... 0.28 inch

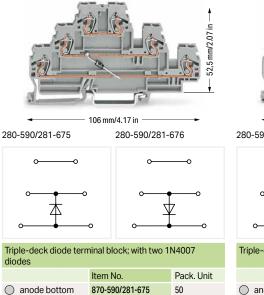




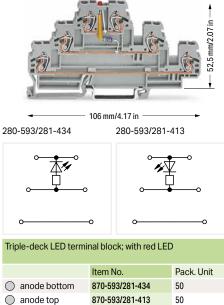


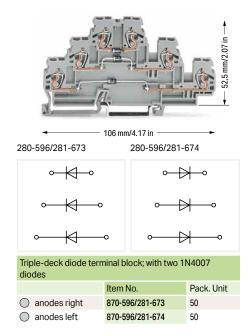
Triple-deck diode terminal block; with 1N4007 diode		
	Item No.	Pack. Unit
<ul><li>anode bottom</li></ul>	870-590/281-410	50
<ul><li>anode top</li></ul>	870-590/281-411	50





870-590/281-676





#### CAGE CLAMP<sup>®</sup>

Max. insulation diameter: 4.4 mm

See application notes for: Insulation stop, page 382 Group marker carrier, page 471

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 870 Series

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

#### End and intermediate plate; 2 mm thick

orange	870-569	100 (25)
gray	870-568	100 (25)

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

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

yellow 280-405 100 (25)

Push-in type jumper bar; insulated;  $I_{N}$  18 A; light gray

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

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



Marking strip; plain; 7.5 mm wide; 1 m long transluscent 709-196

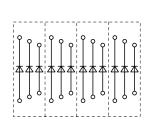
Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5  $\dots$  5.2 mm stretchable

1

white 2009-145 1

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





Triple-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.

Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.

These terminal blocks provide high-density wiring in a width of just 5 mm.

Push-in type jumper bars provide additional options for custom circuit design.

# Pluggable Tap-Off Modules 870 Series

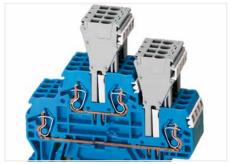
# Description and Installation



Snapping tap-off and spacer modules together to assemble a multipole tap-off module (max. 10 poles).



Module assembly with CAGE CLAMP® connections (0.25 ... 2.5 mm²/24 ... 14 AWG), including strain relief plate and marker slots for Mini-WSB or WMB markers.



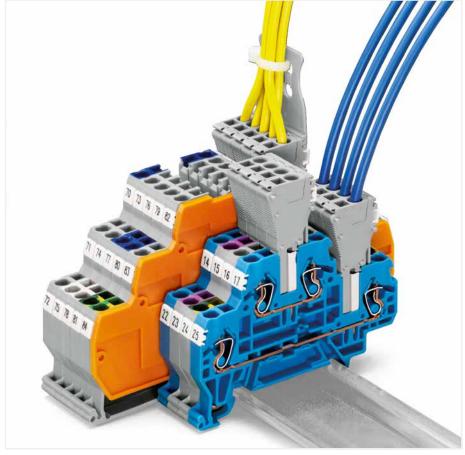
The tap-off module assembly can be directly plugged into the jumper contact slot of the current bar. The terminal blocks can also be commoned via push-in type jumper bars parallel to the jumper slots being used by the modules.



CAGE CLAMP® termination:

Tap-off modules are used when additional or removable connections are required (can be used as a permanent connection or a test plug).

connection or a test plug).
Wiring is possible whether the modules are plugged into the assembly or not.

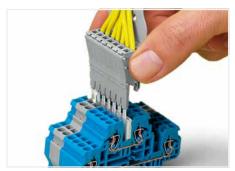




Using anti-reverse mating modules at both ends of a module assembly prevents reverse mating.



Three anti-reverse mating modules are necessary when snapping more than seven tap-off modules together.



Testing is also possible using a pre-wired tap-off module assembly in the very same way as test plugs.



CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"



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

# Pluggable Tap-Off Module 870 Series

Technical Data		
0.25 2.5 mm <sup>2</sup>	22 14 AWG	
500 V/6 kV/3 1		
I <sub>N</sub> 18 A		
Module width: 5 mm /	0.197 inch	
<b>□</b> ■ 10 mm / 0.38	inch	

Technical Data	
0.25 2.5 mm <sup>2</sup>	22 14 AWG
500 V/6 kV/3 1	
I <sub>N</sub> 10 A	
Module width: 5 mm / 0	0.197 inch
10 mm / 0.38 i	nch

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

Approvals and corresponding ratings, visit www.wago.com





Pluggable tap-off module; with anti-reverse mating protection; snaps together; for 870 Series Rail-Mount Terminal Blocks with jumper slots in the current bar

Color	Item No.	Pack. Unit
gray	870-425	100 (25)

Pluggable tap-off module; snaps together; for 870 Serie: Rail-Mount Terminal Blocks with jumper slots in the surrent bar

Color	Item No.	Pack. Unit
gray	870-426	100 (25)

Spacer module; snaps together; bridges terminal blocks

gray

870-427

100 (25)

#### Accessories; for pluggable tap-off modules

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

# Strain relief plate; gray 35 mm wic



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

plain 248-501 5

WMB marking card; white; 10 strips with 10 markers/card; stretchable 5  $\dots$  5.2 mm

plain 793-5501

WMB marking card; white; 10 strips with 10 markers/card; for  $5\dots 17.5$  mm terminal block width

plain **793-501** 5



# **Sensor Terminal Blocks and Actuator Terminal Blocks** 270 Series

# **Description and Installation**



Inserting a jumper.



Commoning a supply voltage using uninsulated push-in type jumper bars, 2- to 9-way or 17-way (2 x 8 bits), depending on application.

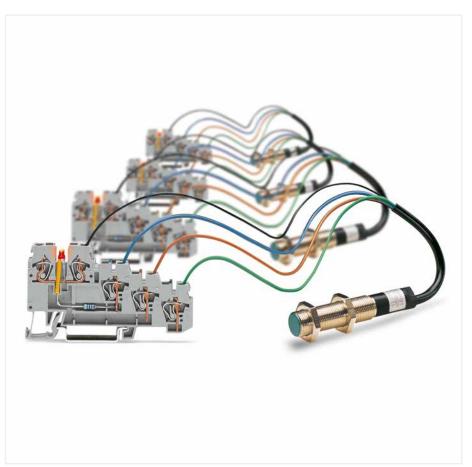


Commoning signal level voltage via insulated push-in type jumper bars (870 Series) – 2- to 9-way, depending on application.

Sensor LED terminal blocks cannot be commoned!



Terminal block assembly: Sensor terminal blocks





Terminal block assembly: Sensor LED terminal blocks



Marking strip (Item No. 709-196) Not suitable for LED terminal blocks!



Sensor LED terminal block

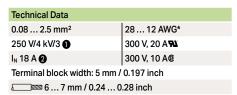
CAGE CLAMP® terminates the following copper conductors: solid "s"

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)

# 4-Conductor Sensor Terminal Block and 4-Conductor Sensor LED Terminal Block 2.5 mm<sup>2</sup>; 270 Series



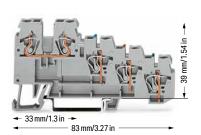
Technical Data

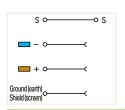
0.08 ... 2.5 mm²

24 VDC €

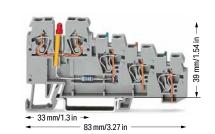
Terminal block width: 5 mm / 0.197 inch

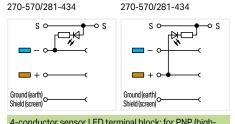
6 ... 7 mm / 0.24 ... 0.28 inch





4-conductor sensor terminal block		
Color	Item No.	Pack. Unit
gray	270-570	50





side) switching sensors; Red LED			
Color Item No. Pack. Unit			
gray	270-570/281-434	50	

4-conductor sensor LED terminal block; for NPN (low-		
side) switching sensors; Yellow LED		
gray	270-570/281-507	50



- 250 V = rated voltage
   4 kV = rated impulse voltage
   3 = pollution degree
   (see Section 15)
- 2 Internal bridge: 9 A
- Other voltages are available upon request. LED power consumption: 4.8 mA

See application notes for: Insulation stop, page 382 Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

#### Accessories; 870 Series

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

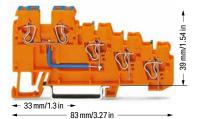
End and intermediate plate; 1 mm thick; for quadruple-deck terminal blocks

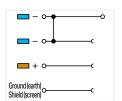
orange	270-322	100 (25)
gray	270-320	100 (25)

Insulation st pcs/strip	top; 0.08 0	.2 mm² "s" (0.14 m	m² "f-st"); 5
	white	280-470	200 (25)

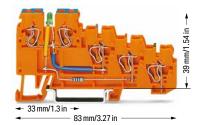


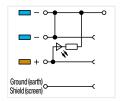






4-conductor sensor supply terminal block; Internal bridge: 9 A			
Color	Item No.	Pack. Unit	
orange	270-574	10	





4-conductor sensor LED supply terminal block; Gr LED		
Color	Item No.	Pack. Unit
orange	870-574/281-483	10

# Push-in type jumper bar; uninsulated; $I_N$ 18 A Jumpers can be shortened using an electronic side cutter

	9-way	270-409	200 (25)	
[[[[[[]]]]	17-way	270-417	200 (25)	
	80-way	270-480	100 (25)	
Push-in type	jumper bar; insu	ılated; I <sub>N</sub> 18 A;	light gray	
1000	2-way	870-402	200 (25)	
98	3-way	870-403	200 (25)	
11.00	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	50 (25)	
Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers				
	plain	248-501	5	

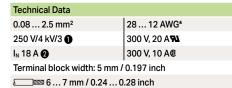
WMB marking card; white; 10	strips with 10 markers/card;
stretchable 5 5.2 mm	
- nlain	700 FF01 F

Operating tool with a partially insulated shaft; Type 2; (3.5

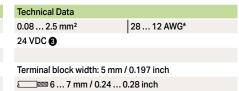
x 0.5) mm blade 210-720 1

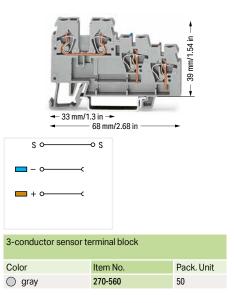


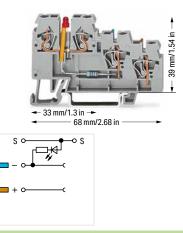
# 3-Conductor Sensor Terminal Block and 3-Conductor Sensor LED Terminal Block 2.5 mm<sup>2</sup>; 270 Series

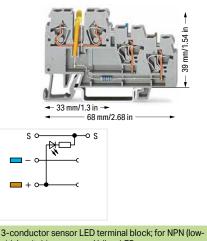


Technical Data	
0.08 2.5 mm <sup>2</sup>	28 12 AWG*
24 VDC 3	
Terminal block width:	5 mm / 0.197 inch
67 mm / 0	.24 0.28 inch

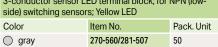


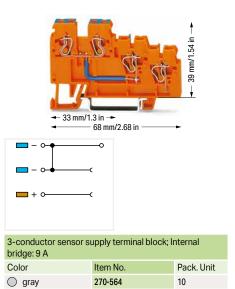


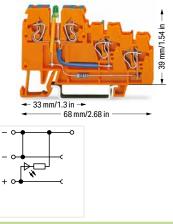












#51/um 68
68 mm/2.68 in →
- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
2 conductor concert FD completerminal block Cro

LFD	3-cond	luctor senso	r LED supply	terminal bloc	k; Green
	LED				

LED		
Color	Item No.	Pack. Unit
gray	270-564/281-483	10

Pluggable tap-off modules (Item No. 870-425, 870-426, 870-427) can be used on the signal level.



\*12 AWG: THHN, THWN

4 kV = rated impulse voltage 3 = pollution degree

LED power consumption: 4.8 mA See application notes for: Insulation stop, page 382 Marking, from page 640

Approvals and corresponding ratings,

orange

gray

white

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

Insulation stop; 0.75 ... 1 mm<sup>2</sup>; 5 pcs/strip dark gray

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/WMB/WMB Inline End and intermediate plate; 1 mm thick; for triple-deck

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

270-321

270-319

280-470

280-471

280-472

100 (25)

100 (25)

200 (25)

200 (25)

200 (25)

200 (25)

200 (25)

100 (25)

ght gray

200 (25)

200 (25)

100 (25)

100 (25)

100 (25)

100 (25)

100 (25)

50 (25)

5

Other voltages are available upon request.

250 V = rated voltage

(see Section 15)

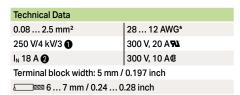
visit www.wago.com Accessories; 870 Series

terminal blocks

pcs/strip

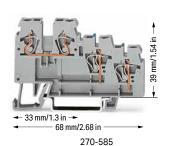
#### CAGE CLAMP<sup>®</sup>

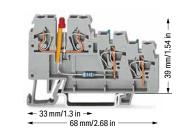
## 3-Conductor Actuator Terminal Block and 3-Conductor Actuator LED Terminal Block 2.5 mm<sup>2</sup>; 270 Series

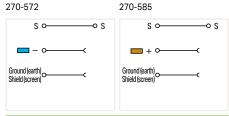


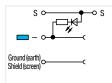
**Technical Data** 28 ... 12 AWG\* 0.08 ... 2.5 mm<sup>2</sup> 24 VDC 3

Terminal block width: 5 mm / 0.197 inch □ 6 ... 7 mm / 0.24 ... 0.28 inch









3-conductor actuator terminal block			
Color	Item No.	Pack. Unit	
gray	270-572	50	

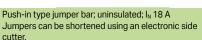
270-585

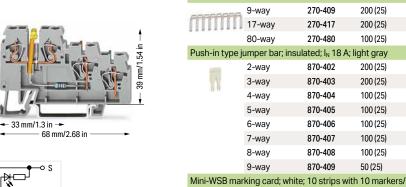
50

3-conductor actuator terminal block

gray

side) switching actuators; Red LED			
	Color	Item No.	Pack. Unit
	O gray	270-572/201-424	50





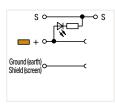
card; 5 mm wide markers plain

- 33 mm/1.3 in → 68 mm/2.68 in				
270-577	2	70-586		
s o-	0 S	s o	s	
<u> </u>		-+	<b></b> <	
Ground (earth) Shield (screen)	:	Ground (earth) Shield (screen)	<b></b> <	
3-conductor actuator supply terminal block				
Color	Item No	).	Pack. Unit	
orange 270-577			10	

3-conductor actuator supply terminal block

270-586

10



3-conductor actuator LED terminal block; for NPN (low-side) switching actuators; Yellow LED		
Color	Item No.	Pack. Unit
○ grav	270-585/281-507	50

WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm 793-5501 plain 5

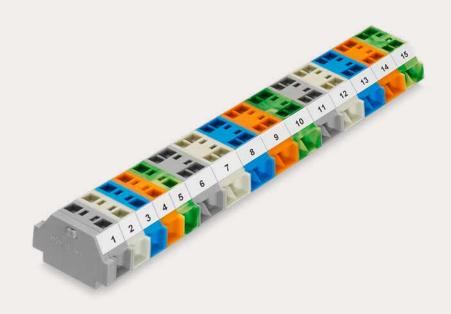
248-501

Operating tool with a partially insulated shaft; Type 2; (3.5

210-720



orange



# WAGO Modular Terminal Blocks and WAGO Terminal Strips

# WAGO Modular Terminal Blocks and WAGO Terminal Strips Side-/Front-Entry Wiring



Modular Terminal Blocks and Terminal Strips; with Mounting Flanges or Snap-In Mounting Feet – Front-Entry Wiring 2.5 (4 "f-st") mm² (12 AWG)



Modular Terminal Blocks and Terminal Strips; with Mounting Flanges or 264 Series 490 Snap-In Mounting Feet – Front-Entry Wiring 2.5 mm² (14 AWG)



Modular Terminal Blocks and Terminal Strips; with Mounting Flanges or 260/261/262 Series 496
Snap-In Mounting Feet – Side-Entry Wiring
0.08 ... 1.5 mm² (28 ... 16 AWG) / 2.5 mm² (14 AWG) / 4 mm² (12 AWG)



Modular Terminal Blocks and Terminal Strips; with Push-Buttons on 261 Series 500 One or Both Sides 0.08 ... 1.5 mm² (28 ... 16 AWG)



Modular Terminal Blocks and Terminal Strips with Mini-WSB Marker

Slot and Push-Buttons on One or Both Sides

1.5 mm² (16 AWG)

261 Series

504



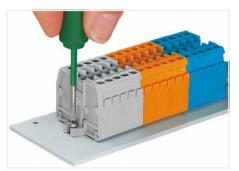
Accessories for Modular Terminal Blocks and Terminal Strips 260/261/262 Series 510



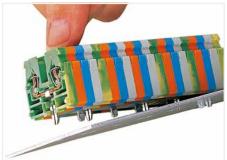
n n 13 12 15 16 17 18 19

# **Modular Terminal Blocks and Terminal Strips** 869 Series

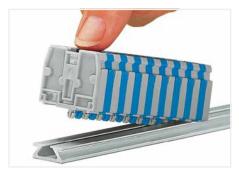
## Description and Installation



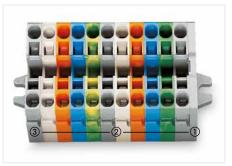
Mounting and securing a terminal strip directly to the plate via screw-type flanges.



Mounting a terminal strip with snap-in feet into holes.

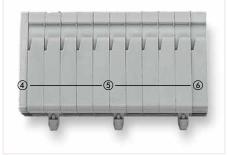


Mounting a terminal strip with snap-in feet onto the aluminum rail.



Terminal strip with mounting flanges:

- End plate with mounting flange ①
- Center terminal blocks (2)
- End terminal block with mounting flange ③



Terminal strip with snap-in mounting feet:

- Center terminal blocks with/without snap-in mounting
- End terminal block with/without snap-in mounting foot 6



WMB markers in Mini-WSB marker slots Translucent marking strip Mini-WSB markers

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



Push jumper bars down firmly until fully inserted. When using multipole bars, push alternately on the right and then left side until installed.

Push-in type jumper bars 1-3-5-7 or 1-4-7are available upon request.

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

single strands

fine-stranded, tip-bonded

fine-stranded, with ferrule

fine-stranded, with pin terminal (gastight crimped)



Protective warning marker (280-405); with a black high-voltage symbol

(gastight crimped)



# Compact Terminal Strips; with Mounting Flanges or Snap-in Mounting Feet 2.5 (4 "f-st") mm<sup>2</sup>; 870 Series

**Technical Data** 

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 2 500 V/6 kV/3 3

28 ... 12 AWG 300 V, 20 A. **93** ss

I<sub>N</sub> 24 A

Pole width: 5 mm / 0.197 inch

 $\blacksquare$  6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

I<sub>N</sub> 24 A

Pole width: 5 mm / 0.197 inch

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

Technical Data

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup>

128 ... 12 AWG

500 V/6 kV/3 **2** 

300 V, 20 A. SAL 185

 $I_N 24 A$ 

Pole width: 5 mm / 0.197 inch

€ 6 ... 7 mm / 0.24 ... 0.28 inch







Compact terminal strip; with M3 mounting flanges; for
screw or similar mounting types; 3.2 mm mounting hole
diameter; gray

Pole No.	Item No.	Pack. Unit
O 2	869-102	100
○ 3	869-103	100
O 4	869-104	100
O 5	869-105	100
O 6	869-106	50
O 7	869-107	50
0 8	869-108	50
O 9	869-109	50
O 10	869-110	50
O 11	869-111	25
O 12 0	869-112	25

Compact terminal strip; with M4 mounting flanges; for screw or similar mounting types; 4.2 mm mounting hole diameter; gray

alamoto, g.a.j			
Po	le No.	Item No.	Pack. Unit
	2	869-202	100
$\bigcirc$	3	869-203	100
$\bigcirc$	4	869-204	100
$\bigcirc$	5	869-205	100
$\bigcirc$	6	869-206	50
$\bigcirc$	7	869-207	50
0	8	869-208	50
$\bigcirc$	9	869-209	50
$\bigcirc$	10	869-210	25
	11	869-211	25
$\bigcirc$	12 🕦	869-212	25

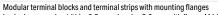
Compact terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 + 0.1 mm mounting hole diameter; gray

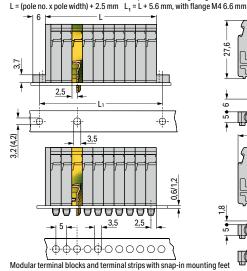
Pole No.	Item No.	Pack. Unit
O 2	869-152	100
○ 3	869-153	100
O 4	869-154	100
O 5	869-155	100
O 6	869-156	50
O 7	869-157	50
○ 8	869-158	50
O 9	869-159	50
O 10	869-160	25
O 11	869-161	25
O 12 <b>0</b>	869-162	25

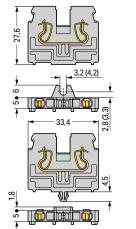
light gray		
O 2	869-132	100
○ 3	869-133	100
O 4	869-134	100
O 5	869-135	100
O 6	869-136	50
O 7	869-137	50
O 8	869-138	50
O 9	869-139	50
O 10	869-140	25
O 11	869-141	25
O 12 A	869-142	25

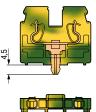
light gray		
O 2	869-232	100
○ 3	869-233	100
O 4	869-234	100
O 5	869-235	100
O 6	869-236	50
O 7	869-237	50
O 8	869-238	50
O 9	869-239	50
O 10	869-240	25
O 11	869-241	25
O 12 0	869-242	25

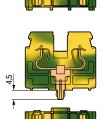
light gray		
O 2	869-182	100
○ 3	869-183	100
O 4	869-184	100
O 5	869-185	100
O 6	869-186	50
O 7	869-187	50
O 8	869-188	50
O 9	869-189	50
O 10	869-190	25
O 11	869-191	25
O 12 <b>0</b>	869-192	25











 Longer strips and/or mixed-color assemblies are available upon request.

Item no. suffixes for gray terminal strips in: blue .../000-006 **②** green-yellow .../000-016

green-yellow . 869-102 ... 869-112 869-202 ... 869-212 869-152 ... 869-162

2 Terminal strips with a blue insulated housing are suitable for Ex i applications.

L = (pole no. x pole width) + 2.5 mm Dimensions in mm

# Modular Terminal Block; with Mounting Flange or Snap-In Mounting Foot 2.5 (4 "f-st") mm2; 870 Series

#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 A: **933** us 500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch

#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 Ac SNA us 500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch



0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 28 ... 12 AWG 300 V, 20 A: **93**4 us 500 V/6 kV/3 2

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

□ 6 ... 7 mm / 0.24 ... 0.28 inch









Center terminal block; without snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; required between end plate and end terminal block for terminal strips with mounting flanges

Color	Item No.	Pack. Unit
gray	869-321	100
blue	869-324 3	100
orange	869-326	100
green-yellow	869-327	100
○ light gray	869-329	100

End terminal block; with M3 mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter

Item No.	Pack. Unit
869-301	100
869-304 3	100
869-307	100
869-309	100
	869-301 869-304 <b>3</b> 869-307

End terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 + 0.1 mm mounting hole

Color	Item No.	Pack. Unit
gray	869-331	100
blue	869-334 3	100
green-yellow	869-337	100
<ul><li>light gray</li></ul>	869-339	100

Center terminal block; with direct ground contact; 3.5 + 0.1 mm drilled hole diameter; required between end plate and end terminal block for terminal strips with mounting

Notice: Terminal block cannot be commoned!

green-yellow 869-328 100 End terminal block; with M4 mounting flange; for screw or similar mounting types; 4.2 mm mounting hole diameter

gray	869-351	100
blue	869-354 3	100
green-yellow	869-357	100
<ul><li>light gray</li></ul>	869-359	100

End terminal block; without snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness

gray	869-341	100
blue	869-344 🔞	100
green-yellow	869-347	100
<ul><li>light gray</li></ul>	869-349	100

#### Accessories; item-specific

Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high



210-154

Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide



209-122

## Accessories; 869 Series

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

End plate; with M3 mounting flange; 2.5 mm thick			
	gray	869-385	100 (25)
	blue	869-388	100 (25)
	green-yellow	869-389	100 (25)
	light gray	869-387	100 (25)

#### End plate; with M4 mounting flange; 2.5 mm thick 869-395 100 (25) gray

blue 869-398 100 (25) green-yellow 100 (25) light gray 869-397 100 (25)

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick



gray	869-375	100 (25)
blue	869-378	100 (25)
green-yellow	869-379	100 (25)
light gray	869-377	100 (25)

Insulation stop; 0.08 ... 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pcs/strip 280-470 200 (25) white

Insulation stop; 0.25 ... 0.5 mm<sup>2</sup>; 5 pcs/strip light gray 280-471 200 (25)

Insulation stop; 0.75 ... 1 mm<sup>2</sup>; 5 pcs/strip dark gray 280-472 200 (25)

Protective warning marker; with black high-voltage symbol: for 5 terminal blocks 280-405 yellow 100 (25)

#### Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray 870-402 200 (25) 2-way 870-403 200 (25) 3-wav 4-way 870-404 100 (25) 5-way 870-405 100 (25) 6-way 870-406 100 (25) 870-407 100 (25) 7-wav 8-way 870-408 100 (25) 870-409 100 (25) 9-way 10-way 870-410 50 (25) Test plug; with 500 mm cable 2 mm Ø; max 42 V 210-136 50 red



#### **Technical Data**

0.08 ... 2.5 (4 "f-st") mm<sup>2</sup> 1 500 V/6 kV/3 2

28 ... 12 AWG 300 V, 20 A. **93** ss

I<sub>N</sub> 24 A

Terminal block width: 5 mm / 0.197 inch

 $\blacksquare$  6 ... 7 mm / 0.24 ... 0.28 inch



Center terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 + 0.1 mm mounting hole diameter

Color	Item No.	Pack. Unit
gray	869-311	100
blue	869-314 3	100
orange	869-316	100
green-yellow	869-317	100
<ul><li>light gray</li></ul>	869-319	100

- Max. insulation diameter: 4.4 mm
- 2 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.

See application notes for: Insulation stop, page 382 Group marker carrier, page 471

Approvals and corresponding ratings, visit www.wago.com

### Accessories; 869 Series

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

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable



white 2009-145

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



Group marker carrier; fits into the jumper slot of the current bars

gray



870-184 50 (25)



Terminal strip; with M3 or M4 mounting flanges; for screw or similar mounting types
Mounting holes:
3.2 mm Ø; M3 flange
4.2 mm Ø; M4 flange



Terminal strips with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; mounting holes:  $3.5^{+0.1}\,\text{mm}\,\text{Ø}$ 

#### Accessories; item-specific

Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high



210-154

Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide



**209-122** 25



Inserting insulation stops into conductor entry holes of terminal strip.

Push-in type jumper bar; insulated; I<sub>N</sub> 18 A; light gray

1 to 3 870-433 200 (25)

1 to 4 870-434 200 (25)

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

Marking strip; plain; 7.5 mm wide; 1 m long

transluscent 709-196 1

The wiring of programmable logic controllers and micro-processor-operated control circuits often relies on very small, fine-stranded conductors. These conductors are highly flexible and deform when pushed against the conductor stop in terminal blocks. As a result, the conductor insulation – not the copper conductor – may be clamped, causing intermittent contact or no contact at all. Common to all terminal block types currently offered, this problem creates unnecessary downtime for troubleshooting.

The solution: an insulation stop for compact terminal blocks. Insulation stops automatically bundle the cores of fine-stranded conductors when inserted into the clamping unit, preventing splaying. This also limits the conductor entry to a defined cross sectional area – ensuring the actual conductor, not the insulation, will enter the clamping unit

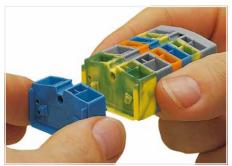
The insulation stop is available as dividable 5-pole strip for the 869 Series Terminal Strips.

Insulation stop usage will not affect the conductor strip lengths for the aforementioned terminal strips.



# Modular Terminal Blocks and Terminal Strips 264 Series

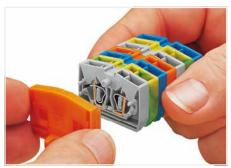
# **Description and Installation**



Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



CAGE CLAMP® termination:

Inserting a conductor.

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



Removing a terminal block.





 $Commoning\ with\ comb-style\ jumper\ bar.$ 



Marking with T-marker tag (209-290).



Combining 2- and 4-conductor terminal blocks. Marking via Mini-WSB Quick Marking System.



CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"



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

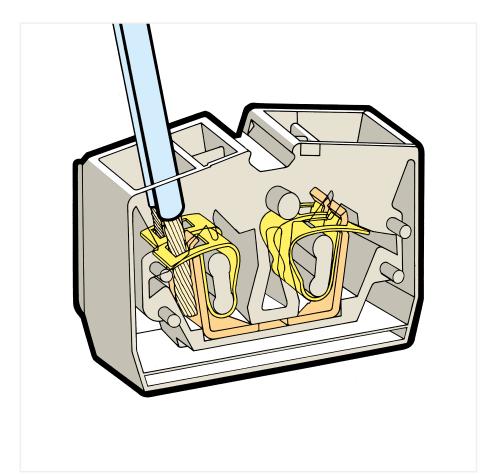


Mounting and securing a terminal strip directly to the plate Mounting a terminal strip with snap-in feet into holes. via screw-type flanges.





Mounting a terminal strip with snap-in feet onto the aluminum mounting rail.





Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.



Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A). CAGE CLAMP® clamps individual test contacts. The maximum test voltage is 400 V.



Ex e II terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter



Ex e II terminal strip; with snap-in mounting feet; for 0.6  $\dots$  1.2 mm plate thickness; 3.5 mm mounting hole diameter



fine-stranded, tip-bonded



fine-stranded, with ferrule (gastight crimped)



fine-stranded, with pin terminal (gastight crimped)



## Modular Terminal Block; with Mounting Flange 2.5 mm<sup>2</sup>; 264 Series

Technical Data		
0.08 2.5 mm <sup>2</sup>	28 12 AWG*	
	300 V, 20 A 👊	
I <sub>N</sub> 24 A	600 V, 20 A@	
Terminal block width: 6 mm / 0.236 inch		
8 9 mm / 0.31 0.35 inch		

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 12 AWG\* 800 V/8 kV/3 1 300 V, 20 A 👊  $I_N 24 A$ 600 V, 20 A@ Terminal block width: 10 mm / 0.394 inch

■8 ... 9 mm / 0.31 ... 0.35 inch



\*12 AWG: THHN, THWN

- 800 V = rated voltage 8 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- 2 Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications. 0.5 ... 2.5 mm<sup>2</sup> / 20 ... 12 AWG\* 690 V; 23 A (see Section 15)

See application notes for: Alternate comb-style jumper bar, page 383 Test plug module, page 510 Mini-WSB marking system, page 641

Approvals and corresponding ratings, visit www.wago.com



Color	Item No.	Pack. Unit
gray	264-321	100
blue	264-324 2	100
orange	264-326	100
green-yellow	264-327	100
○ light gray ⑤	264-131 3	100

2-conductor end terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting

264-301

264-306

264-307

264-130 3

264-304 2

4-conductor center terminal block; required between end plate and end terminal block for terminal strips with mounting flanges

Color	item No.	Pack. Unit
gray	264-351	100
blue	264-354 2	100
orange	264-356	100
green-yellow	264-357	100
○ light gray ⑤	264-231 3	100



4-conductor end terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter

gray	264-331	100
blue	264-334 2	100
orange	264-336	100
green-yellow	264-337	100
○ light gray ⑤	264-230 3	100

Terminal strip with mounting flanges, consisting of:

- · End plate; with mounting flange
- Center terminal blocks
- · End terminal block; with mounting flange

## Accessories: item-specific

Alternate comb-style jumper bar; insulated;  $I_N = I_N$  of terminal block

281-492 100 (25) 2-way



hole diameter

O gray

blue

orange

green-yellow

○ light gray ⓑ



5

100

100

100

100 100

# Accessories; item-specific

Alternate comb-style jumper bar; insulated;  $I_N = I_N$  of terminal block

280-492 200 (25)

## Test plug module; snaps together; 6 mm wide



249-136 100 (25) gray

Test plug module; snaps together; 10 mm wide 249-139 gray



100 (25)

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



248-501 plain

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



264-900

## Accessories; 264 Series

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/T-marker tag

## End and intermediate plate; 4 mm thick



264-361 25 gray orange 264-364 25 264-363 25 light gray

#### Comb-style jumper bar; insulated; reduces maximum conductor size to 1.5 mm²; I<sub>N</sub> 16 A; gray



264-402 200 (25) 2-way



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



210-136

209-290

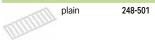
50

5

T-marker tag; 30 markers per tag; up to 6 characters per marker; stretchable 5 ... 6 mm



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



plain

# Modular Terminal Block; with Snap-In Mounting Foot 2.5 mm<sup>2</sup>; 264 Series

T 1 : 15 :		
Technical Data		
0.08 2.5 mm <sup>2</sup>	28 12 AWG*	
800 V/8 kV/3 1	300 V, 20 A 👊	
I <sub>N</sub> 24 A	600 V, 20 A@	
Terminal block width: 6 mm /	0.236 inch	
89 mm / 0.31 0.35 inch		

Technical Data		
0.08 2.5 mm <sup>2</sup>	28 12 AWG*	
800 V/8 kV/3 1	300 V, 20 A 🕦	
I <sub>N</sub> 24 A	600 V, 20 A®	
Terminal block width: 10 mm / 0.394 inch		

□ 8 ... 9 mm / 0.31 ... 0.35 inch



#### \*12 AWG: THHN, THWN

- 800 V = rated voltage 8 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Exiapplications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications. 0.5 ... 2.5 mm<sup>2</sup> / 20 ... 12 AWG\* 690 V; 23 A (see Section 15)

See application notes for: Alternate comb-style jumper bar, page 383 Test plug module, page 510 Mini-WSB marking system, page 641

Approvals and corresponding ratings, visit www.wago.com

2-conductor terminal block; with snap-in mounting foot;
for 0.6 1.2 mm plate thickness; 3.5 mm mounting hole
diameter

Color	Item No.	Pack. Unit
gray	264-311	100
blue	264-314 2	100
orange	264-316	100
green-yellow	264-317	100
○ light gray ⑤	264-180 3	100

# 4-conductor terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole

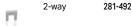
Color	Item No.	Pack. Unit
gray	264-341	100
blue	264-344 2	100
orange	264-346	100
green-yellow	264-347	100
○ light gray ⑤	264-280 🔞	100

#### Accessories; item-specific

Alternate comb-style jumper bar; insulated;  $I_N = I_N$  of terminal block

249-136

248-501



Test plug module; snaps together; 6 mm wide

100 (25)

100 (25)

Alternate comb-style jumper bar; insulated;  $I_N = I_N$  of

terminal block

Accessories; item-specific

2-way 280-492 200 (25)

Test plug module; snaps together; 10 mm wide

249-139 100 (25) gray



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



264-900

## Accessories; 264 Series

card; 5 mm wide markers

plain

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/T-marker tag

End and intern	nediate plate; 4	mm thick
	gray	264-371



Comb-style jumper bar; insulated; reduces maximum conductor size to 1.5 mm<sup>2</sup>; I<sub>N</sub> 16 A; gray



Operating to	ool; insulated			
	2-way	280-432	1	
-				

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V			
/	red	210-136	50

Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high



210-154





T-marker tag; 30 markers per tag; up to 6 characters per marker; stretchable 5 ... 6 mm



Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable 2009-145



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



210-720



Terminal strip with mounting flanges, consisting of: End plate

- 4-conductor terminal strip; with snap-in mounting foot1)
- Center terminal blocks
- · 2-conductor terminal strip; with snap-in mounting foot1)

1) at every 4th or 5th terminal block of the strip

# Terminal Strip; with Mounting Flanges or Snap-in Mounting Feet 2.5 mm<sup>2</sup>; 264 Series

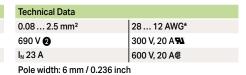
Pole width: 6 mm / 0.236 inch

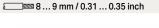
\_\_\_\_ 8 ... 9 mm / 0.31 ... 0.35 inch

Technical Data	
	28 12 AWG*
800 V/8 kV/3 1	300 V, 20 A <b>9N</b>
I <sub>N</sub> 24 A	600 V, 20 A®

Pole width: 10 mm / 0.394 inch

8 ... 9 mm / 0.31 ... 0.35 inch



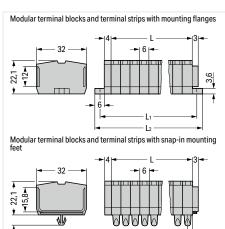


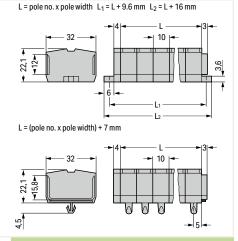






Dimensions in mm





2-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; gray

diameter, gray	diameter, gray			
Pole No.	Item No.	Pack. Unit		
O 2	264-102	100		
○ 3	264-103	100		
O 4	264-104	100		
○ 5	264-105	100		
O 6	264-106	100		
O 7	264-107	100		
○ 8	264-108	100		
O 9	264-109	50		
O 10	264-110	50		
O 11	264-111	50		
O 12 3	264-112	25		

4-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; gray

Pole No.	Item No.	Pack. Unit
O 2	264-202	100
○ 3	264-203	100
O 4	264-204	100
O 5	264-205	100
O 6	264-206	100
O 7	264-207	100
○ 8	264-208	100
O 9	264-209	50
O 10	264-210	50
O 11	264-211	25
O 12 <b>3</b>	264-212	25

2-conductor Ex e II terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; light gray

Pole No.	Item No.	Pack. Unit
○ 2 🗟	264-132	100
○ 3 🖾	264-133	100
○ 4 🖾	264-134	100
○ 5 😡	264-135	100
○ 6 🖾	264-136	100
○ 7 🗟	264-137	100
○ 8 😡	264-138	100
○ 9 🗟	264-139	50
○ 10 🗟	264-140	50
○ 11 🗟	264-141	25
O 12 🗟 🕄	264-142	25

2-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter gray.

diameter; gray		
O 2	264-152	100
O 3	264-153	100
O 4	264-154	100
O 5	264-155	100
O 6	264-156	50
O 7	264-157	50
○ 8	264-158	50
O 9	264-159	50
O 10	264-160	25
O 11	264-161	25
O 12 <b>3</b>	264-162	25

4-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; gray.

ularifeter, gray			
O 2	264-252	100	
3	264-253	100	
O 4	264-254	100	
O 5	264-255	100	
O 6	264-256	50	
O 7	264-257	50	
O 8	264-258	50	
O 9	264-259	50	
O 10	264-260	25	
O 11	264-261	25	
O 12 3	264-262	25	

2-conductor Ex e II terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; light gray

264-182	100
264-183	100
264-184	100
264-185	100
264-186	50
264-187	50
264-188	50
264-189	50
264-190	25
264-191	25
264-192	25
	264-183 264-184 264-185 264-186 264-187 264-188 264-189 264-190 264-191

**Technical Data** 

0.08 ... 2.5 mm² 28 ... 12 AWG\* 690 V **2** 300 V, 20 A**¶1** I<sub>N</sub> 23 A 600 V, 20 A**®** 

Pole width: 10 mm / 0.394 inch

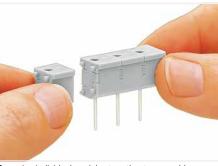
8 ... 9 mm / 0.31 ... 0.35 inch



#### \*12 AWG: THHN, THWN

- 800 V = rated voltage
   8 kV = rated impulse voltage
   3 = pollution degree
   (see Section 15)
- Suitable for Ex e II applications (see Section 15)
- Longer strips and/or mixed-color assemblies are available upon request.

Approvals and corresponding ratings, visit www.wago.com



Snapping individual modules together to assemble a multi-pole test plug module.



Item no. suffixes for gray terminal strips with mounting flanges: 264-102 to 264-112

264-102 to 264-112 264-202 to 264-212

blue .../000-006,

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

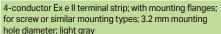


Item no. suffixes for gray terminal strips with snap-in mounting feet: 264-152 to 264-162

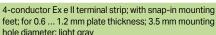
blue .../000-006,

264-252 to 264-262

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



note diameter, light gr	uy	
Pole No.	Item No.	Pack. Unit
○ 2 🗟	264-232	100
○ 3 🗟	264-233	100
○ 4 🗟	264-234	100
○ 5 🕾	264-235	100
○ 6 🗟	264-236	100
○ 7 ⓑ	264-237	100
○ 8 🗟	264-238	100
○ 9 🗟	264-239	50
○ 10 🗟	264-240	50
O 11 🗟	264-241	100
O 12 & 3	264-242	25



hole diameter; light gray			
○ 2 🗟	264-282	100	
○ 3 🗟	264-283	100	
○ 4 ⓑ	264-284	100	
○ 5 😡	264-285	100	
○ 6 🗟	264-286	100	
○ 7 ⓑ	264-287	50	
○ 8 🗟	264-288	50	
○ 9 🗟	264-289	50	
○ 10 🗟	264-290	25	
○ 11 😡	264-291	25	
O 12 © 3	264-292	25	



Ex e II terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter



Ex e II terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter

# Modular Terminal Blocks and Terminal Strips 260 to 262 Series

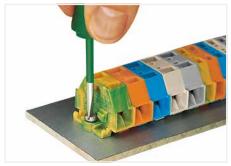
# **Description and Installation**



Assembling modular terminal blocks into terminal strips.



Mounting an end plate.



Mounting and securing a terminal strip directly to the plate via screw-type flanges.



## CAGE CLAMP® termination:

Inserting a conductor.

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

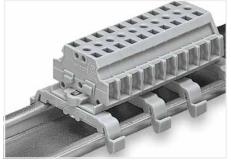


CAGE CLAMP® termination: Inserting a conductor via push-button.

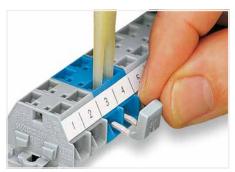




 $\label{thm:constraints} \mbox{Terminal strip; with push-buttons on one side}$ 



Terminal strip; with marker slot for Mini-WSB Quick Marking System  $\,$ 



 $Commoning \ with \ comb-style \ jumper \ bar.$ 



CAGE CLAMP® terminates the following copper conductors: solid "s"



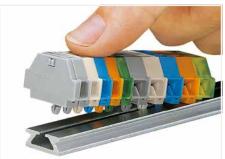
stranded "st"



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



Mounting a terminal strip with snap-in feet into holes.

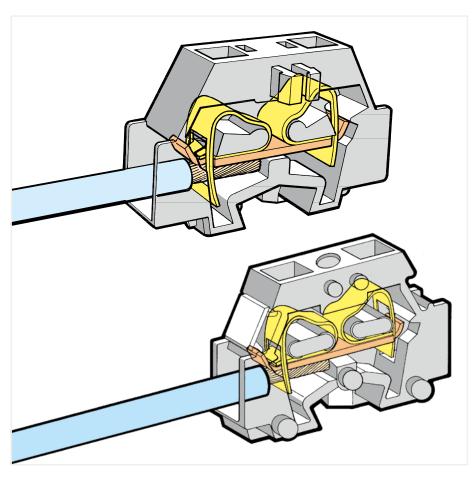


Mounting a terminal strip with snap-in feet onto the aluminum rail.  $% \label{eq:monotone}%$ 



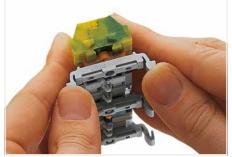
Mounting and securing a terminal strip directly to the plate via screw-type flanges. screwing a mounting foot (209-123)

(distance between mounting feet: approx. 20 ... 25 mm)





Terminal strip; with mounting flanges; for DIN-35 rail



Terminal strip; with snap-in mounting feet; snapping a mounting foot (209-120) (distance between mounting feet: approx. 20 ... 25 mm)



 $\label{lem:marking with self-adhesive marking strips.} \\$ 



Marking by direct printing (upon request).



Terminal strip; with snap-in mounting feet; for DIN-35 rail



fine-stranded, tip-bonded



fine-stranded, with ferrule (gastight crimped)



fine-stranded, with pin terminal (gastight crimped)



# Modular Terminal Block; with Mounting Flange or Snap-In Mounting Foot 1.5 mm<sup>2</sup>; 260 Series

**Technical Data** 0.08 ... 1.5 mm<sup>2</sup> (28 ... 28 ... 16 AWG 16 AWG) 400 V/6 kV/3 1 300 V, 10 A 👊 I<sub>N</sub> 18 A 300 V, 15 A@ Terminal block width: 5 mm / 0.197 inch

■ 8 ... 9 mm / 0.31 ... 0.35 inch

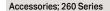
**Technical Data** 0.08 ... 1.5 mm<sup>2</sup> (28 ... 28 ... 16 AWG 16 AWG) 400 V/6 kV/3 1 300 V, 10 A 94 I<sub>N</sub> 18 A 300 V, 15 A@ Terminal block width: 8 mm / 0.315 inch

□■8 ... 9 mm / 0.31 ... 0.35 inch

1 400 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)

See application notes for: Test plug module, page 510

Approvals and corresponding ratings, visit www.wago.com



Marking accessories, see Section 14

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



red 210-136

210-154

209-122

209-120

209-123

25

Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high



Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide



Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide



gray

Mounting screw; for mounting foot (209-120)

209-119 500 (50)

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



209-137 25

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



210-720





2-conductor terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Color		Item No.	Pack. Unit
$\bigcirc$	gray	260-301	300 (50)
$\bigcirc$	light gray	260-303	300 (50)
	blue	260-304	300 (50)
	orange	260-306	300 (50)
	green-yellow	260-307	300 (50)

4-conductor terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Color	Item No.	Pack. Unit
gray	260-331	300 (50)
<ul><li>light gray</li></ul>	260-333	300 (50)
blue	260-334	300 (50)
orange	260-336	300 (50)
green-yellow	260-337	300 (50)

2-conductor terminal block; with snap-in mounting foot: for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

$\bigcirc$	gray	260-311	300 (50)
0	light gray	260-313	300 (50)
	blue	260-314	300 (50)
	orange	260-316	300 (50)
	green-yellow	260-317	300 (50)

4-conductor terminal block; with snap-in mounting foot: for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

$\bigcirc$	gray	260-341	300 (50)
$\bigcirc$	light gray	260-343	300 (50)
	blue	260-344	300 (50)
	orange	260-346	300 (50)
	green-yellow	260-347	300 (50)

Space-saving 2-conductor end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

gray	260-321	300 (50)
O light gray	260-323	300 (50)
blue	260-324	300 (50)
orange	260-326	300 (50)
areen-vellow	260-327	300 (50)

Space-saving 4-conductor end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

gray	260-351	300 (50)
O light gray	260-353	300 (50)
blue	260-354	300 (50)
orange	260-356	300 (50)
green-yellow	260-357	300 (50)

Accessories; item-specific

Test plug module; snaps together; 5 mm wide 249-135 100 (25) arav



Accessories; item-specific Test plug module; snaps together; 8 mm wide



Test plug module; with locking latches; snaps together; 5 mm wide



Test plug module; with locking latches; snaps together; 8 mm wide

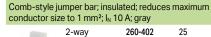


Accessories; 260 Series

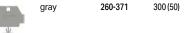
Marking accessories, see Section 14

End plate; with mounting flange			
/100	gray	260-361	300 (50
14. 70			





End plate; with snap-in mounting foot





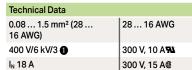
Operating tool; insulated; for comb-style jumper bar 209-132 2-way

# Terminal Strip; with Mounting Flanges or Snap-in Mounting Feet 1.5 mm<sup>2</sup>; 260 Series

#### **Technical Data** 0.08 ... 1.5 mm<sup>2</sup> (28 ... 28 ... 16 AWG 16 AWG) 400 V/6 kV/3 1 300 V, 10 A 👊 I<sub>N</sub> 18 A 300 V, 15 A@

Pole width: 5 mm / 0.197 inch

8...9 mm / 0.31... 0.35 inch



Pole width: 8 mm / 0.315 inch

□ 8 ... 9 mm / 0.31 ... 0.35 inch



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

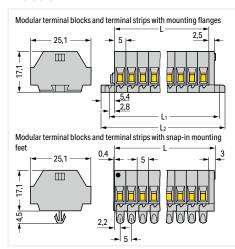
Longer strips and/or mixed-color assemblies are available upon request.

Approvals and corresponding ratings, visit www.wago.com



Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)

#### Dimensions in mm



8 17,1 L = (pole no. x pole width) + 3 mm • End terminal block 25.1 17,1

L = pole no. x pole width  $L_1 = L + 8.1 \text{ mm}$   $L_2 = L + 13.7 \text{ mm}$ 

2-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

raii, gray		
Pole No.	Item No.	Pack. Unit
O 2	260-102	100
O 3	260-103	100
O 4	260-104	100
O 5	260-105	100
O 6	260-106	100
O 7	260-107	100
O 8	260-108	100
O 9	260-109	50
O 10	260-110	50
O 11	260-111	50
O 12 2	260-112	25

4-conductor terminal strip; with mounting flanges; for

Pole No.	Item No.	Pack. Unit
O 2	260-202	100
○ 3	260-203	100
O 4	260-204	100
O 5	260-205	100
O 6	260-206	100
O 7	260-207	100
O 8	260-208	100
O 9	260-209	50
O 10	260-210	50
O 11	260-211	25
O 12 2	260-212	25

screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

2-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mount-

ing foot (209-120) for DIN-35 rail; gray			
$\bigcirc$	2	260-152	100
$\bigcirc$	3	260-153	100
$\bigcirc$	4	260-154	100
$\bigcirc$	5	260-155	100
$\bigcirc$	6	260-156	50
$\bigcirc$	7	260-157	50
$\bigcirc$	8	260-158	50
$\bigcirc$	9	260-159	50
$\bigcirc$	10	260-160	25
$\bigcirc$	11	260-161	25
$\bigcirc$	12 2	260-162	25

4-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail; gray

$\bigcirc$	2	260-252	100
$\bigcirc$	3	260-253	100
$\bigcirc$	4	260-254	100
$\bigcirc$	5	260-255	100
$\bigcirc$	6	260-256	50
$\bigcirc$	7	260-257	50
$\bigcirc$	8	260-258	50
$\bigcirc$	9	260-259	50
$\bigcirc$	10	260-260	25
$\bigcirc$	11	260-261	25
$\bigcirc$	12 2	260-262	25



Terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)

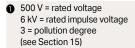


# Modular Terminal Block; with Mounting Flange or Snap-In Mounting Foot 2.5 mm<sup>2</sup>; 261 Series

Technical Data		
0.08 2.5 mm <sup>2</sup>	28 14 AWG	
500 V/6 kV/3 1	300 V, 15 A 👊	
I <sub>N</sub> 24 A	300 V, 20 A®	
Terminal block width: 6 mm / 0.236 inch		
	O OF inch	

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1 300 V, 15 A 94  $I_N 24 A$ 300 V, 20 A@ Terminal block width: 10 mm / 0.394 inch





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

See application notes for: Test plug module, page 510

Approvals and corresponding ratings,

#### Accessories; 261 Series

Marking accessories, see Section 14

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



210-136 red

Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high



210-154

Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide



Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide



gray

Mounting screw; for mounting foot (209-120) 209-119

209-122

500 (50)

25

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



209-123

Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide 209-137 25



Operating tool with a partially insulated shaft; Type 2; (3.5



210-720





2-conductor terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Color	Item No.	Pack. Unit
gray	261-301	200 (50)
O light gray	261-303	200 (50)
blue	261-304 2	200 (50)
orange	261-306	200 (50)
green-yellow	261-307	200 (50)

4-conductor terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Color	Item No.	Pack. Unit
gray	261-331	200 (50)
<ul><li>light gray</li></ul>	261-333	200 (50)
blue	261-334 2	200 (50)
orange	261-336	200 (50)
green-yellow	261-337	200 (50)

2-conductor terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

0	gray	261-311	200 (50)
$\bigcirc$	light gray	261-313	200 (50)
	blue	261-314 2	200 (50)
	orange	261-316	200 (50)
	green-yellow	261-317	200 (50)

4-conductor terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

gray	261-341	200 (50)
O light gray	261-343	200 (50)
blue	261-344 2	200 (50)
orange	261-346	200 (50)
green-yellow	261-347	200 (50)

Space-saving 2-conductor end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

gray	261-321	200 (50)
light gray	261-323	200 (50)
blue	261-324 2	200 (50)
orange	261-326	200 (50)
green-yellow	261-327	200 (50)

Space-saving 4-conductor end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

gray	261-351	200 (50)
O light gray	261-353	200 (50)
blue	261-354 2	200 (50)
orange	261-356	200 (50)
green-yellow	261-357	200 (50)

Accessories; item-specific

Test plug module; snaps together; 6 mm wide 249-136 100 (25) Accessories; item-specific

Test plug module; snaps together; 10 mm wide 249-139 100 (25) gray



Test plug module; with locking latches; snaps together;

261-404



Test plug module; with locking latches; snaps together; 261-405 100 (25)

Accessories; 261 Series

Marking accessories, see Section 14

100 (25)

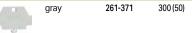
End plate; with mounting f	lange
grav	2



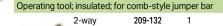


2-way 261-402 25	conductor	size to 1.5 mm	<sup>2</sup> ; I <sub>N</sub> 16 A; gray		
		2-way	261-402	25	

### End plate; with snap-in mounting foot







# Terminal Strip; with Mounting Flanges or Snap-in Mounting Feet 2.5 mm<sup>2</sup>; 261 Series

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1 300 V, 15 A 👊 I<sub>N</sub> 24 A 300 V, 20 A@ Pole width: 6 mm / 0.236 inch

8...9 mm / 0.31... 0.35 inch

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1 300 V, 15 A 🕦  $I_N 24 A$ 300 V, 20 A@

Pole width: 10 mm / 0.394 inch

□ 8 ... 9 mm / 0.31 ... 0.35 inch





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

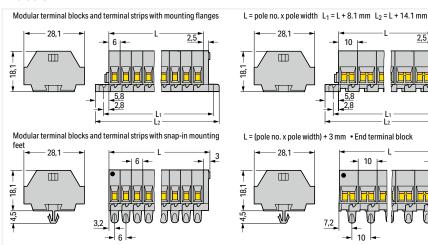
- 2 Terminal strips with a blue insulated housing are suitable for Ex i applications. Item no. suffixes .../000-006 (upon request)
- Longer strips and/or mixed-color assemblies are available upon request.

Approvals and corresponding ratings, visit www.wago.com



Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)

Dimensions in mm



2-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail: gray 🛭

Item No.	Pack. Unit
261-102	100
261-103	100
261-104	100
261-105	200
261-106	50
261-107	50
261-108	50
261-109	50
261-110	25
261-111	25
261-112	25
	261-102 261-103 261-104 261-105 261-106 261-107 261-108 261-109 261-110 261-111

2-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mount-

DIN-35 rail; gray 2	
261-152	100
261-153	100
261-154	100
261-155	100
261-156	50
261-157	50
261-158	50
261-159	50
261-160	25
261-161	25
261-162	25
	261-153 261-154 261-155 261-156 261-157 261-158 261-159 261-160 261-161

4-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail: gray

ruii, gruy 😈		
Pole No.	Item No.	Pack. Unit
O 2	261-202	100
○ 3	261-203	100
O 4	261-204	100
O 5	261-205	100
O 6	261-206	50
O 7	261-207	50
○ 8	261-208	50
O 9	261-209	50
O 10	261-210	25
O 11	261-211	25
O 12 3	261-212	25

4-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mount-

ing foot (209-120) for DIN-35 rail; gray 2		
O 2	261-252	100
O 3	261-253	100
O 4	261-254	100
O 5	261-255	100
O 6	261-256	50
O 7	261-257	50
○ 8	261-258	50
O 9	261-259	50
O 10	261-260	25
O 11	261-261	25
O 12 <b>3</b>	261-262	25



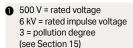
Terminal strip; with snap-in mounting feet; for  $0.6\dots 1.2$  mm plate thickness; 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)

# Modular Terminal Block; with Push-Buttons on One Side; with Mounting Flange or Snap-In Mounting Foot

2.5 mm<sup>2</sup>; 261 Series

Technical Data					
0.08 2.5 mm <sup>2</sup>	28 14 AWG				
500 V/6 kV/3 1	300 V, 15 A <b>RL</b>				
I <sub>N</sub> 24 A	300 V, 20 A@				
Terminal block width: 6 mm / 0.236 inch					
■ 8 9 mm / 0.31 0	.35 inch				

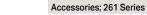
Technical Data				
0.08 2.5 mm <sup>2</sup>	28 14 AWG			
500 V/6 kV/3 1	300 V, 15 A <b>RL</b>			
I <sub>N</sub> 24 A	300 V, 20 A@			
Terminal block width: 10 mm / 0.394 inch				
<b>≥</b> 8 9 mm / 0.31 0	0.35 inch			



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

Approvals and corresponding ratings, visit www.wago.com

arav



Marking accessories, see Section 14

Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide



•

209-120

209-123

209-137

25

Mounting screw; for mounting foot (209-120)
209-119 500 (50)



2-conductor terminal block; with push-button on one side; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Col	or	Item No.	Pack. Unit
$\bigcirc$	gray	261-301/331-000	200 (50)
$\bigcirc$	light gray	261-303/331-000	200 (50)
	blue	261-304/331-000 2	200 (50)
	orange	261-306/331-000	200 (50)
	green-yellow	261-307/331-000	200 (50)

2-conductor terminal block; with push-button on one

thickness; 3.5 mm mounting hole diameter; also for

side; with snap-in mounting foot; for 0.6  $\dots$  1.2 mm plate

aluminum rail (210-154) or with mounting foot (209-120)

261-311/331-000

261-313/331-000

261-316/331-000

261-317/331-000

261-314/331-000 2

200 (50)

200 (50)

200 (50)

200 (50)

200 (50)

4-conductor terminal block; with push-button on one side; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Color	Item No.	Pack. Unit
gray	261-331/332-000	200 (50)
<ul><li>light gray</li></ul>	261-333/332-000	200 (50)
blue	261-334/332-000 2	200 (50)
orange	261-336/332-000	200 (50)
green-yellow	261-337/332-000	200 (50)

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



4-conductor terminal block; with push-button on one side; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for

aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

gray

261-341/332-000

200 (50)

light gray

261-343/332-000

200 (50)

0 3 - 7		( /
O light gray	261-343/332-000	200 (50)
blue	261-344/332-000 2	200 (50)
orange	261-346/332-000	200 (50)
green-yellow	261-347/332-000	200 (50)

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



210-720

Space-saving 2-conductor end terminal block; with push-button on one side; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

$\bigcirc$	gray	261-321/331-000	200 (50)
$\bigcirc$	light gray	261-323/331-000	200 (50)
	blue	261-324/331-000 2	200 (50)
	orange	261-326/331-000	200 (50)
	green-yellow	261-327/331-000	200 (50)

Space-saving 4-conductor end terminal block; with push-button on one side; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

$\bigcirc$	gray	261-351/332-000	200 (50)
$\bigcirc$	light gray	261-353/332-000	200 (50)
	blue	261-354/332-000 2	200 (50)
	orange	261-356/332-000	200 (50)
	green-yellow	261-357/332-000	200 (50)

#### Accessories; 261 Series

for DIN-35 rail

O light gray

orange

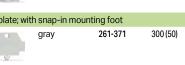
green-yellow

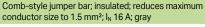
O gray

blue

Marking accessories, see Section 14

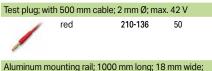
End plate; with mounting flange						
4007000	gray	261-361	300 (50)			
1	0 ,					
(4), (a)						
End plate; with open in mounting foot						





	1	r	2-v	vay	261-	402	25	
	1							
_								

Operating too	l; insulat	ed; for com	b-style	jumper b	ar
	2-way	209	9-132	1	



Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high 210-154 1

Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide

209-122 25



# Terminal Strip; with Push-Buttons on One Side; with Mounting Flanges or Snap-in Mounting Feet 2.5 mm<sup>2</sup>; 261 Series

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1 I<sub>N</sub> 24 A Pole width: 6 mm / 0.236 inch 8...9 mm / 0.31... 0.35 inch

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1  $I_N 24 A$ Pole width: 10 mm / 0.394 inch ■8 ... 9 mm / 0.31 ... 0.35 inch

- 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)
- 2 Terminal strips with a blue insulated housing are suitable for Ex i applications. Item no. suffixes .../000-006 (upon request)
- Longer strips and/or mixed-color assemblies are available upon request.

Approvals and corresponding ratings, visit www.wago.com

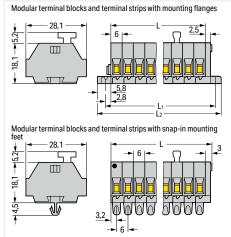


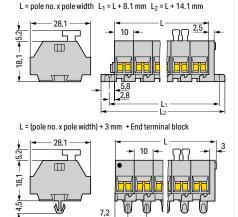




Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)

Dimensions in mm





2-conductor terminal strip; with push-buttons on one side; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail; gray 2

Pole No.	Item No.	Pack. Unit
O 2	261-102/331-000	100
○ 3	261-103/331-000	100
O 4	261-104/331-000	100
O 5	261-105/331-000	200
O 6	261-106/331-000	50
O 7	261-107/331-000	50
○ 8	261-108/331-000	50
O 9	261-109/331-000	50
O 10	261-110/331-000	25
O 11	261-111/331-000	25
O 12 3	261-112/331-000	25

side; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail; gray 2

	-,		
Pole No.		Item No.	Pack. Unit
O 2		261-202/332-000	100
3		261-203/332-000	100
O 4		261-204/332-000	100
O 5		261-205/332-000	100
O 6		261-206/332-000	50
O 7		261-207/332-000	50
0 8		261-208/332-000	50
O 9		261-209/332-000	50
O 10		261-210/332-000	50
O 11		261-211/332-000	25
O 12 3		261-212/332-000	50

4-conductor terminal strip; with push-buttons on one

2-conductor terminal strip; with push-buttons on one side; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120)

$\bigcirc$	2	261-152/331-000	100
$\bigcirc$	3	261-153/331-000	100
$\bigcirc$	4	261-154/331-000	100
$\bigcirc$	5	261-155/331-000	100
$\bigcirc$	6	261-156/331-000	50
$\bigcirc$	7	261-157/331-000	50
$\bigcirc$	8	261-158/331-000	50
$\bigcirc$	9	261-159/331-000	50
$\bigcirc$	10	261-160/331-000	25
$\bigcirc$	11	261-161/331-000	25
$\bigcirc$	12 🔞	261-162/331-000	25

4-conductor terminal strip; with push-buttons on one side; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail; gray 2

ioi ziii oo idii, gid) 💆			
O 2	261-252/332-000	100	
○ 3	261-253/332-000	100	
O 4	261-254/332-000	100	
O 5	261-255/332-000	100	
O 6	261-256/332-000	50	
O 7	261-257/332-000	50	
O 8	261-258/332-000	50	
O 9	261-259/332-000	50	
O 10	261-260/332-000	25	
O 11	261-261/332-000	100	
O 12 3	261-262/332-000	25	



Terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)

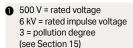
for DIN-35 rail; gray 2

# Modular Terminal Block; with Push-Buttons on Both Sides; with Mounting Flange or Snap-In **Mounting Foot**

2.5 mm<sup>2</sup>; 261 Series

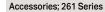
Technical Data			
0.08 2.5 mm <sup>2</sup>	28 14 AWG		
500 V/6 kV/3 1	300 V, 15 A <b>RA</b>		
I <sub>N</sub> 24 A	300 V, 20 A@		
Terminal block width: 6 mm / 0.236 inch			
8 9 mm / 0.31 0.35 inch			

Technical Data			
	28 14 AWG		
	300 V, 15 A <b>9N</b>		
I <sub>N</sub> 24 A	300 V, 20 A@		
Terminal block width: 10 mm / 0.394 inch			
89 mm / 0.31 0.35 inch			



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

Approvals and corresponding ratings, visit www.wago.com



arav

Marking accessories, see Section 14

Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide

209-120

209-123



Mounting screw; for mounting foot (209-120)

209-119 500 (50)



2-conductor terminal block; with push-buttons on both

sides; with mounting flange; for screw or similar mount-

Item No.

foot (209-123) also for DIN-35 rail

Color

gray

blue

light gray

orange

green-yellow

ing types; 3.2 mm mounting hole diameter; with mounting

261-301/341-000

261-303/341-000

261-306/341-000

261-307/341-000

261-304/341-000 2

Pack. Unit

200 (50)

200 (50)

200 (50)

200 (50)

200 (50)

4-conductor terminal block; with push-buttons on both sides; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Color	Item No.	Pack. Unit
gray	261-331/342-000	200 (50)
O light gray	261-333/342-000	200 (50)
blue	261-334/342-000 2	200 (50)
orange	261-336/342-000	200 (50)
green-yellow	261-337/342-000	200 (50)

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



209-137 25

2-conductor terminal block; with push-buttons on both sides; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

$\bigcirc$	gray	261-311/341-000	200 (50)
$\bigcirc$	light gray	261-313/341-000	200 (50)
	blue	261-314/341-000 2	200 (50)
	orange	261-316/341-000	200 (50)
	green-yellow	261-317/341-000	200 (50)

4-conductor terminal block; with push-buttons on both sides; with snap-in mounting foot; for 0.6  $\ldots$  1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

gray	261-341/342-000	200 (50)
O light gray	261-343/342-000	200 (50)
blue	261-344/342-000 2	200 (50)
orange	261-346/342-000	200 (50)
green-yellow	261-347/342-000	200 (50)

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



210-720

Space-saving 2-conductor end terminal block; with push-buttons on both sides; without protruding snap-in mounting foot; for terminal strips with snap-in mounting

gray	261-321/341-000	200 (50)
O light gray	261-323/341-000	200 (50)
blue	261-324/341-000 2	200 (50)
orange	261-326/341-000	200 (50)
green-yellow	261-327/341-000	200 (50)

Space-saving 4-conductor end terminal block; with push-buttons on both sides; without protruding snap-in mounting foot; for terminal strips with snap-in mounting

$\bigcirc$	gray	261-351/342-000	200 (50)
$\bigcirc$	light gray	261-353/342-000	200 (50)
	blue	261-354/342-000 2	200 (50)
	orange	261-356/342-000	200 (50)
	green-yellow	261-357/342-000	200 (50)

#### Accessories; 261 Series

gray

Marking accessories, see Section 14

End plate; with mounting flange			
ALCOHOL:	gray	261-361	300 (50)
140			
End plate; with apan in mounting fact			

261-371



Aluminum mounting rail; 1000 mm long; 18 mm wide;

1

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

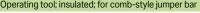


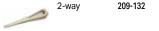
Comb-style jumper bar; insulated; reduces maximum conductor size to 1.5 mm $^2$ ; $I_{\rm N}$ 16 A; gray			um	
(Section)	2-wav	261-402	25	



300 (50)

Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide 209-122 25







# Terminal Strip; with Push-Buttons on Both Sides; with Mounting Flanges or Snap-in Mounting

## 2.5 mm<sup>2</sup>; 261 Series

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1 I<sub>N</sub> 24 A Pole width: 6 mm / 0.236 inch 8...9 mm / 0.31... 0.35 inch

**Technical Data** 28 ... 14 AWG 0.08 ... 2.5 mm<sup>2</sup> 500 V/6 kV/3 1  $I_N 24 A$ Pole width: 10 mm / 0.394 inch ■8 ... 9 mm / 0.31 ... 0.35 inch



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

Terminal strips with a blue insulated housing are suitable for Ex i applications. Item no. suffixes .../000-006 (upon request)

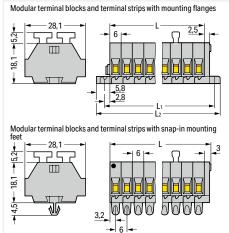
Longer strips and/or mixed-color assemblies are available upon request.

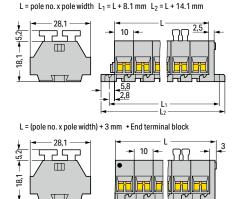
Approvals and corresponding ratings, visit www.wago.com



Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)

Dimensions in mm





2-conductor terminal strip; with push-buttons on both sides; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail; gray 2

Item No.	Pack. Unit
261-102/341-000	100
261-103/341-000	100
261-104/341-000	50
261-105/341-000	100
261-106/341-000	25
261-107/341-000	50
261-108/341-000	50
261-109/341-000	100
261-110/341-000	25
261-111/341-000	25
261-112/341-000	25
	261-102/341-000 261-103/341-000 261-104/341-000 261-105/341-000 261-106/341-000 261-107/341-000 261-108/341-000 261-109/341-000 261-110/341-000 261-111/341-000

sides; with snap-in mounting feet; for 0.6 ... 1.2 mm plate

aluminum rail (210-154) or with mounting foot (209-120)

261-152/341-000

261-153/341-000

261-154/341-000

261-155/341-000

261-156/341-000

261-157/341-000

261-158/341-000

261-159/341-000

261-160/341-000

261-161/341-000

261-162/341-000

thickness; 3.5 mm mounting hole diameter; also for

4-conductor terminal strip; with push-buttons on both sides; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail; gray 2

	-,		
Pole No.		Item No.	Pack. Unit
O 2		261-202/342-000	100
3		261-203/342-000	100
O 4		261-204/342-000	100
O 5		261-205/342-000	100
O 6		261-206/342-000	50
O 7		261-207/342-000	50
0 8		261-208/342-000	100
O 9		261-209/342-000	50
O 10		261-210/342-000	25
O 11		261-211/342-000	25
O 12 3		261-212/342-000	50

2-conductor terminal strip; with push-buttons on both

4-conductor terminal strip; with push-buttons on both sides; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail; gray 2

	ioi biii oo iaii, gia, 😈		
100	O 2	261-252/342-000	100
100	○ 3	261-253/342-000	100
50	O 4	261-254/342-000	100
100	O 5	261-255/342-000	100
100	O 6	261-256/342-000	50
50	O 7	261-257/342-000	50
50	0 8	261-258/342-000	50
50	O 9	261-259/342-000	50
25	O 10	261-260/342-000	25
25	O 11	261-261/342-000	100
100	O 12 3	261-262/342-000	25



Terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)



for DIN-35 rail; gray 2

O 2

3

0 4

5

O 6

8

9

O 10

11

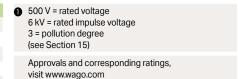
O 12 3

 $\bigcirc$ 7

# Modular Terminal Block; with Mounting Flange; with Marker Slot for Mini-WSB Quick Marking **System**

2.5 mm<sup>2</sup>; 261 Series

**Technical Data** 0.08 ... 2.5 mm<sup>2</sup> 28 ... 14 AWG 500 V/6 kV/3 1 300 V, 15 A 🕦 I<sub>N</sub> 24 A 300 V, 20 A@ Terminal block width: 6 mm / 0.236 inch □ 8 ... 9 mm / 0.31 ... 0.35 inch



#### Accessories; 261 Series

Marking accessories, see Section 14

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

248-501 plain

Operating tool with a partially insulated shaft; Type 2; (3.5 210-720



2-conductor terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Color	Item No.	Pack. Unit
gray	261-411	200 (50)

2-conductor terminal block; with push-button on one side; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

261-411/331-000 200 (50)

2-conductor terminal block; with push-buttons on both sides; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

261-411/341-000 O gray 200 (50)



CAGE CLAMP® termination: Inserting a conductor via push-button.



Terminal strip; with marker slot for Mini-WSB Quick Marking System

#### Accessories; 261 Series

Marking accessories, see Section 14

### End plate; with mounting flange gray

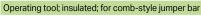


261-410 300 (50)

### Comb-style jumper bar; insulated; reduces maximum conductor size to 1 mm<sup>2</sup>; I<sub>N</sub> 10 A; gray



261-402 25 2-way





209-132

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



210-136

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



gray

209-137



Testing with voltage tester.

# Terminal Strip; with Mounting Flanges; with Marker Slot for Mini-WSB Quick Marking System 2.5 mm<sup>2</sup>; 261 Series

■8 ... 9 mm / 0.31 ... 0.35 inch

Technical Data			
0.08 2.5 mm <sup>2</sup>	28 14 AWG		
500 V/6 kV/3 ①	300 V, 15 A 👊		
I <sub>N</sub> 24 A	300 V, 20 A@		
Pole width: 6 mm / 0.236 inch			
89 mm / 0.31 0.35 inch			

Technical Data		
	28 14 AWG	
500 V/6 kV/3 1	300 V, 15 A <b>SN</b>	
I <sub>N</sub> 24 A	300 V, 20 A®	
Pole width: 6 mm / 0.236 inch		

1 500 V = rated voltage 6 kV = rated impulse voltage 3 = pollution degree (see Section 15)

2 Longer strips are available upon request.

Approvals and corresponding ratings, visit www.wago.com





Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)

#### Dimensions in mm

Pole No.

O 2

3

4

5

6

O 7

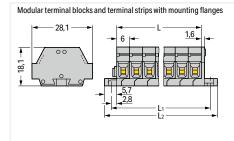
0 8

9

O 10

11

O 12 2



2-conductor terminal strip; with mounting flanges; for

screw or similar mounting types; 3.2 mm mounting hole

diameter; with mounting foot (209-123) also for DIN-35

Item No.

261-422

261-423

261-424

261-425

261-426

261-427

261-428

261-429

261-430

261-431

261-432

Pack. Unit

100

100

100

200

50 50

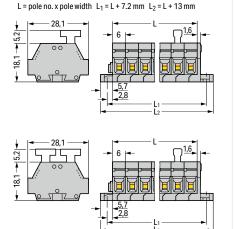
50

50

25

25

25



2-conductor terminal strip; with push-buttons on one side; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail; gray

.001 (200	120) 0100 101	Dire oo raii, gray	
Pole No.		Item No.	Pack. Unit
O 2		261-422/331-000	100
3		261-423/331-000	100
<b>4</b>		261-424/331-000	100
O 5		261-425/331-000	100
O 6		261-426/331-000	50
O 7		261-427/331-000	50
0 8		261-428/331-000	50
O 9		261-429/331-000	50
O 10		261-430/331-000	25
O 11		261-431/331-000	25
O 12 2		261-432/331-000	25

O 4	261-424/331-000	100
O 5	261-425/331-000	100
O 6	261-426/331-000	50
O 7	261-427/331-000	50
○ 8	261-428/331-000	50
O 9	261-429/331-000	50
O 10	261-430/331-000	25
O 11	261-431/331-000	25
O 12 2	261-432/331-000	25

2-conductor terminal strip; with push-buttons on both sides; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail; gray 261-422/341-000 100 3 261-423/341-000 100 O 4 261-424/341-000 100 5 261-425/341-000 100 6 261-426/341-000 50 0 7 261-427/341-000 50 0 8 50 261-428/341-000 9 261-429/341-000 50 O 10 261-430/341-000 25 261-431/341-000 25 11 O 12 2 261-432/341-000 25



Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)



# Modular Terminal Block; with Mounting Flange or Snap-In Mounting Foot 4 mm<sup>2</sup>; 262 Series

**Technical Data** 0.08 ... 4 mm<sup>2</sup> 28 ... 12 AWG 630 V/8 kV/3 1 300 V, 20 A 🕦  $I_N 24 A$ 300 V, 20 A@ Terminal block width: 7 mm / 0.276 inch

□ 9 ... 10 mm / 0.35 ... 0.39 inch

**Technical Data** 0.08 ... 4 mm<sup>2</sup> 28 ... 12 AWG 630 V/8 kV/3 1 300 V, 20 A 74  $I_N 32 A$ 300 V, 20 A@ Terminal block width: 12 mm / 0.472 inch

□ 9 ... 10 mm / 0.35 ... 0.39 inch

● 630 V = rated voltage 8 kV = rated impulse voltage 3 = pollution degree (see Section 15)

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

See application notes for: Test plug module, page 510

Approvals and corresponding ratings

#### Accessories; 262 Series

Marking accessories, see Section 14

Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide

209-120



209-119 500 (50)

25

25

Mounting screw; for mounting foot (209-120)

gray

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide

209-137



Operating tool with a partially insulated shaft; Type 2; (3.5



x 0.5) mm blade 210-720



2-conductor terminal block; with mounting flange; for

screw or similar mounting types; 3.2 mm mounting hole

diameter; with mounting foot (209-123) also for DIN-35

Item No.

262-301

262-306

262-307

262-304

rail Color

gray

blue

orange green-yellow 4-conductor terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Color	Item No.	Pack. Unit
gray	262-331	100 (50)
blue	262-334 2	100 (50)
orange	262-336	100 (50)
green-yellow	262-337	100 (50)

2-conductor terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mount-

Pack. Unit

100 (50)

100 (50)

100 (50)

100 (50)

$\bigcirc$	gray	262-311	100 (50)
	blue	262-314 2	100 (50)
	orange	262-316	100 (50)
	green-yellow	262-317	100 (50)

ing foot (209-120) for DIN-35 rail

4-conductor terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

gray	262-341	100 (50)
blue	262-344 2	100 (50)
orange	262-346	100 (50)
green-yellow	262-347	100 (50)

Space-saving 2-conductor end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

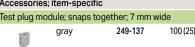
$\bigcirc$	gray	262-321	100 (50)
	blue	262-324 2	100 (50)
	orange	262-326	100 (50)
	green-yellow	262-327	100 (50)

Space-saving 4-conductor end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

gray	262-351	100 (50)
blue	262-354 2	100 (50)
orange	262-356	100 (50)
green-yellow	262-357	100 (50)

Accessories: item-specific Test plug module: snaps together: 7 mm wide

Accessories: item-specific Test plug module; snaps together; 12 mm wide 249-140 gray 100 (25)

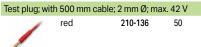


## Accessories: 262 Series

Marking accessories, see Section 14

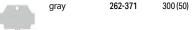
End plate; with mounting flange		
gray	262-361	300 (50)

l	300 (50)	



# End plate; with snap-in mounting foot

2-way





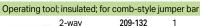
### Comb-style iumper bar: insulated: reduces maximum conductor size to 2.5 mm<sup>2</sup>; I<sub>N</sub> 16 A; gray



#### Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide

210-154







# Terminal Strip; with Mounting Flanges or Snap-in Mounting Feet 4 mm<sup>2</sup>; 262 Series

Technical Data

**Technical Data** 0.08 ... 4 mm<sup>2</sup> 28 ... 12 AWG 630 V/8 kV/3 1 300 V, 20 A 🕦 I<sub>N</sub> 24 A 300 V, 20 A@

Pole width: 7 mm / 0.276 inch  $\blacksquare \blacksquare \blacksquare 9 \dots 10 \text{ mm / } 0.35 \dots 0.39 \text{ inch}$  0.08 ... 4 mm<sup>2</sup> 28 ... 12 AWG 630 V/8 kV/3 1 300 V, 20 A 🕦  $I_N 32 A$ 300 V, 20 A@ Pole width: 12 mm / 0.472 inch

□■9 ... 10 mm / 0.35 ... 0.39 inch





1 630 V = rated voltage 8 kV = rated impulse voltage 3 = pollution degree (see Section 15)

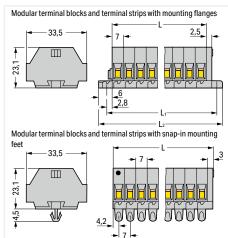
- 2 Terminal strips with a blue insulated housing are suitable for Ex i applications. Item no. suffixes .../000-006 (upon request)
- Longer strips and/or mixed-color assemblies are available upon request.

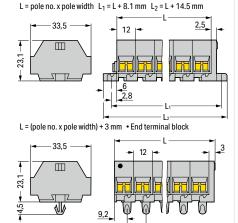
Approvals and corresponding ratings, visit www.wago.com



Terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)

Dimensions in mm





2-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

raii, gray		
Pole No.	Item No.	Pack. Unit
O 2	262-102	100
○ 3	262-103	100
O 4	262-104	100
O 5	262-105	100
O 6	262-106	100
O 7	262-107	100
O 8	262-108	100
O 9	262-109	50
O 10	262-110	25
O 11	262-111	25
O 12 3	262-112	25

2-conductor terminal strip; with snap-in mounting feet;

for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole

diameter; also for aluminum rail (210-154) or with mount-

4-conductor terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35

Pole No.	Item No.	Pack. Unit
O 2	262-202	100
○ 3	262-203	100
O 4	262-204	100
O 5	262-205	100
O 6	262-206	50
O 7	262-207	50
O 8	262-208	50
O 9	262-209	50
O 10	262-210	25
O 11	262-211	25
O 12 3	262-212	25

4-conductor terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mount-

ing foot (209-120) for DiN-35 fall; gray 💋			
$\bigcirc$	2	262-152	100
$\bigcirc$	3	262-153	100
$\bigcirc$	4	262-154	100
$\bigcirc$	5	262-155	100
$\bigcirc$	6	262-156	50
$\bigcirc$	7	262-157	50
$\bigcirc$	8	262-158	50
$\bigcirc$	9	262-159	50
$\bigcirc$	10	262-160	25
$\bigcirc$	11	262-161	25
$\bigcirc$	12 3	262-162	25

ing foot (209-120) for DIN-35 rail; gray 2		
262-252	100	
262-253	100	
262-254	100	
262-255	100	
262-256	50	
262-257	50	
262-258	50	
262-259	50	
262-260	25	
262-261	25	
262-262	25	
	262-252 262-253 262-254 262-255 262-256 262-257 262-258 262-259 262-260 262-261	



Terminal strip; with snap-in mounting feet; for  $0.6\dots 1.2$  mm plate thickness; 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)

# Modular Ex Terminal Block; with Mounting Flange or Snap-In Mounting Foot 4 mm<sup>2</sup>; 262 Series

Technical Data		
0.5 4 mm <sup>2</sup>	28 12 AWG	
550 V	300 V, 20 A 🕦	
I <sub>N</sub> 23 A	300 V, 20 A@	
Terminal block width: 7 mm / 0.276 inch		
9 10 mm / 0.35 0.39 inch		

Using crimped ferrules for corrosion protection, the rated cross section is reduced by one size. For conductor types and conductor preparation, see Section 15 "Electrical Equipment for Hazardous Environments."





2-conductor Ex e II terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Color	Item No.	Pack. Unit
○ light gray ⑤	262-130	100 (50)

2-conductor Ex e II terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

O light gray (a) 262-180 100 (50)

Space-saving 2-conductor Ex e II end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

O light gray (262-181 100 (50)

4-conductor Ex e II terminal block; with mounting flange; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for DIN-35 rail

Color	Item No.	Pack. Unit
○ light gray ⑤	262-230	100 (50)

4-conductor Ex e II terminal block; with snap-in mounting foot; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with mounting foot (209-120) for DIN-35 rail

O light gray (a) 262-280 100 (50

Space-saving 4-conductor Ex e II end terminal block; without protruding snap-in mounting foot; for terminal strips with snap-in mounting feet

O light gray (a) 262-281 100 (50)



CAGE CLAMP® termination: Inserting a conductor.

## Accessories; 262 Series

Marking accessories, see Section 14

End plate; with mou	unting flange
---------------------	---------------



End plate; with snap-in mounting foot



Comb-style jumper bar; insulated; reduces maximum conductor size to 2.5 mm $^2$ ;  $I_N$  16 A; gray



Operating tool; insulated; for comb-style jumper bar



Aluminum mounting rail; 1000 mm long; 18 mm wide; 7 mm high

210-154 1

Plastic end stop; with WSB marker slot; for aluminum rail (210-154); 6 mm wide



**209-122** 25

Mounting foot; for DIN-35 rail; snaps onto terminal blocks with snap-in mounting foot; 6.4 mm wide



gray 209-120

25

25

Mounting screw; for mounting foot (209-120)
209-119 500 (50)

Mounting foot with screw; for DIN-35 rail; can be screwed on terminal blocks with mounting flange; 6.4 mm wide

209-123



Mounting adapter; for DIN-35 rail; can be used as end plate; 6.5 mm wide



gray **209-137** 

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



210-720



Commoning with comb-style jumper bar.



# Ex Terminal Strip; with Mounting Flanges or Snap-in Mounting Feet 4 mm<sup>2</sup>; 262 Series

#### **Technical Data** 28 ... 12 AWG 0.5 ... 4 mm<sup>2</sup> 550 V 300 V, 20 A 🕦 $I_N 23 A$ 300 V, 20 A@

Pole width: 7 mm / 0.276 inch € 9 ... 10 mm / 0.35 ... 0.39 inch



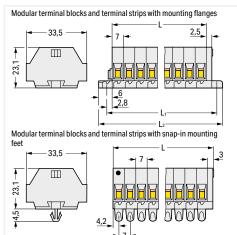


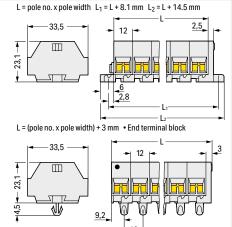
- Using crimped ferrules for corrosion protection, the rated cross section is reduced by one size. For conductor types and conductor preparation, see Section 15 "Electrical Equipment for Hazardous Environments."
- Longer strips and/or mixed-color assemblies are available upon request.



□■9 ... 10 mm / 0.35 ... 0.39 inch







4-conductor Ex e II terminal strip; with mounting flanges; for screw or similar mounting types; 3.2 mm mounting hole diameter; with mounting foot (209-123) also for

Dil4-55 fail, gray		
Pole No.	Item No.	Pack. Unit
○ 2 🗟	262-132	100
○ 3 ⓑ	262-133	100
○ 4 ⓑ	262-134	100
○ 5 ⓑ	262-135	100
○ 6 🛭	262-136	100
○ 7 ⓑ	262-137	50
○ 8 😡	262-138	50
○ 9 🗟	262-139	50
○ 10 🗟	262-140	25
	262-141	25
O 12 © 2	262-142	25

2-conductor Ex e II terminal strip; with mounting flanges;

for screw or similar mounting types; 3.2 mm mounting

hole diameter; with mounting foot (209-123) also for

Pole No.	Item No.	Pack. Unit
○ 2 🗟	262-232	100
○ 3 🗟	262-233	100
○ 4 🗟	262-234	100
○ 5 🗟	262-235	100
○ 6 🗟	262-236	50
○ 7 🗟	262-237	50
○ 8 🗟	262-238	50
○ 9 🚱	262-239	50
○ 10 🗟	262-240	25
○ 11 ⓑ	262-241	25
O 12 © 2	262-242	25



mounting types; 3.2 mm mounting hole diameter (with 209-123 Mounting Foot for DIN-35 rail)



Terminal strip; with snap-in mounting feet; for  $0.6\dots 1.2$  mm plate thickness; 3.5 mm mounting hole diameter (also for 210-154 Aluminum Rail or with 209-120 Mounting Foot for DIN-35 rail)

2-conductor Ex e II terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with

mounting root (209-120) for DiN-35 fall; gray			
○ 2 🗟	262-182	100	
○ 3 🗟	262-183	100	
○ 4 ⓑ	262-184	100	
O 5 €	262-185	100	
○ 6 🗟	262-186	50	
○ 7 ⓑ	262-187	50	
○ 8 😡	262-188	50	
○ 9 🗟	262-189	50	
○ 10 🗟	262-190	25	
O 11 ©	262-191	25	
O 12 © 2	262-192	25	

4-conductor Ex e II terminal strip; with snap-in mounting feet; for 0.6 ... 1.2 mm plate thickness; 3.5 mm mounting hole diameter; also for aluminum rail (210-154) or with ig foot (209-120) for DIN-35 ra

1110u11tilly 100t (209-120) for Dily-35 fall, gray				
0	2 🖾	262-282	100	
$\bigcirc$	3 🖾	262-283	100	
0	4 🖾	262-284	100	
$\bigcirc$	5 🖾	262-285	100	
0	6 🖾	262-286	50	
$\bigcirc$	7 😡	262-287	50	
0	8 🗟	262-288	50	
$\bigcirc$	9 🗟	262-289	50	
$\bigcirc$	10 🗟	262-290	25	
$\bigcirc$	11 🗟	262-291	25	
$\bigcirc$	12 🗟 🛭	262-292	25	

509

# **Technical Data**

# Test Plug Module; for Terminal Strips without Push-Buttons 260, 261 and 262 Series

for 260 Series

Test voltage: 250 V / 500 V 1

Test current: 0.5 A / 6 A 2 Middle pressure: 2.2 N per pole **Technical Data** 

for 261 Series (also 264 Series)

Test voltage: 400 V / 800 V

Test current: 0.5 A / 6 A 2 Middle pressure: 2.2 N per pole **Technical Data** 

for 262 Series

Test voltage: 500 V / 800 V 1

Test current: 0.5 A / 6 A 2

Middle pressure: 2.2 N per pole







Test plug module; without locking latches; snaps together; for 2-conductor terminal blocks Module width: 5 mm

Test plug module; without locking latches; snaps

together; for 4-conductor terminal blocks

Module width: 8 mm

Module width: 5 mm

O gray

Color Item No. Pack. Unit gray 249-135 100 (25)

249-138

Test plug module; with locking latches; snaps together;

Test plug module; without locking latches; snaps together; for 2-conductor terminal blocks Module width: 6 mm

Color Item No. Pack. Unit gray 249-136 100 (25)

Test plug module; without locking latches; snaps together; for 4-conductor terminal blocks Module width: 10 mm

O grav 249-139 100 (25)

Test plug module; with locking latches; snaps together; for 2-conductor terminal blocks Module width: 6 mm

gray 261-404 100 (25)

Test plug module; without locking latches; snaps together; for 4-conductor terminal blocks Module width: 10 mm

gray

Test plug module; without locking latches; snaps

together; for 2-conductor terminal blocks Module width: 7 mm

Color Item No. Pack. Unit gray 249-137 100 (25)

Test plug module; without locking latches; snaps together; for 4-conductor terminal blocks Module width: 12 mm

O gray 249-140 100 (25)

260-404 gray

for 2-conductor terminal blocks

Test plug module; with locking latches; snaps together; for 4-conductor terminal blocks Module width: 8 mm

gray 260-405 100 (25)

Accessories; for L-type test plug modules

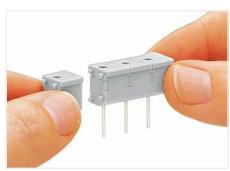
Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

210-136

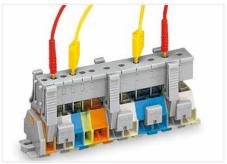
100 (25)

100 (25)

- Maximum test voltage (touch contact): 48 V (test pins are not touch-proof)
- Maximum test current (touch contact): 0.5 A Maximum test current: 6 A (if the test pins are securely connected in the clamping units)



Snapping individual modules together to assemble a multi-pole test plug module.



Testing via test plug modules snapped onto a terminal strip – wired or unwired. As touch contact is made with the CAGE CLAMP® (spring steel) unit, this testing type is limited to maximum 0.5 A.

Distance between locking devices must be approximately  $35 \dots 40 \ \text{mm}.$ 



Testing after the conductors have been terminated.