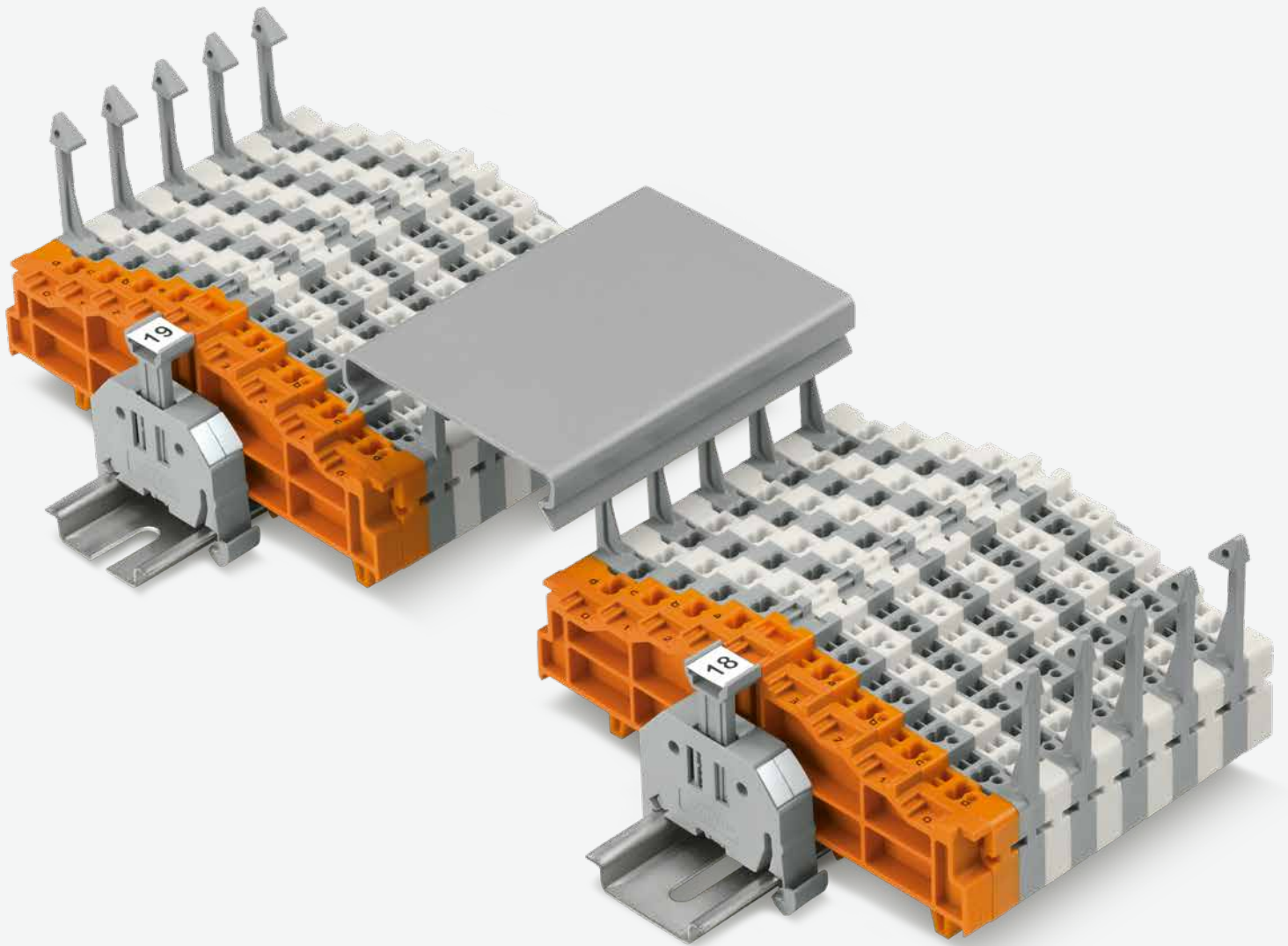




WAGO Patchboard Systems

WAGO Busbar Terminal Blocks

WAGO Patchboard Systems
WAGO Busbar Terminal Blocks

			Page
	Matrix Patchboards	726 Series	592
	Common Potential Matrix Patchboards Marking on the Patchboard Side Marking on the Supply Side	726 Series	596
	Matrix Patchboard Accessories		600
	Terminal Blocks for Matrix Patching and Common Potential Terminal Blocks 1.5 mm² (16 AWG)	727 Series	604
	3-Conductor, Double-Potential Terminal Blocks 2.5 mm² (14 AWG)	280 Series	608
	Busbar Terminal Blocks	812 Series	611

Matrix Patchboards

726 Series

Description and Installation



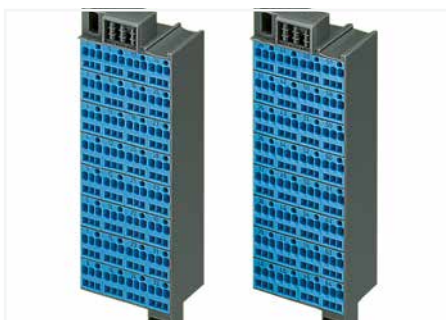
CAGE CLAMP® connection
Inserting a conductor via 210-719 Operating Tool
(2.5 x 0.4 mm blade).



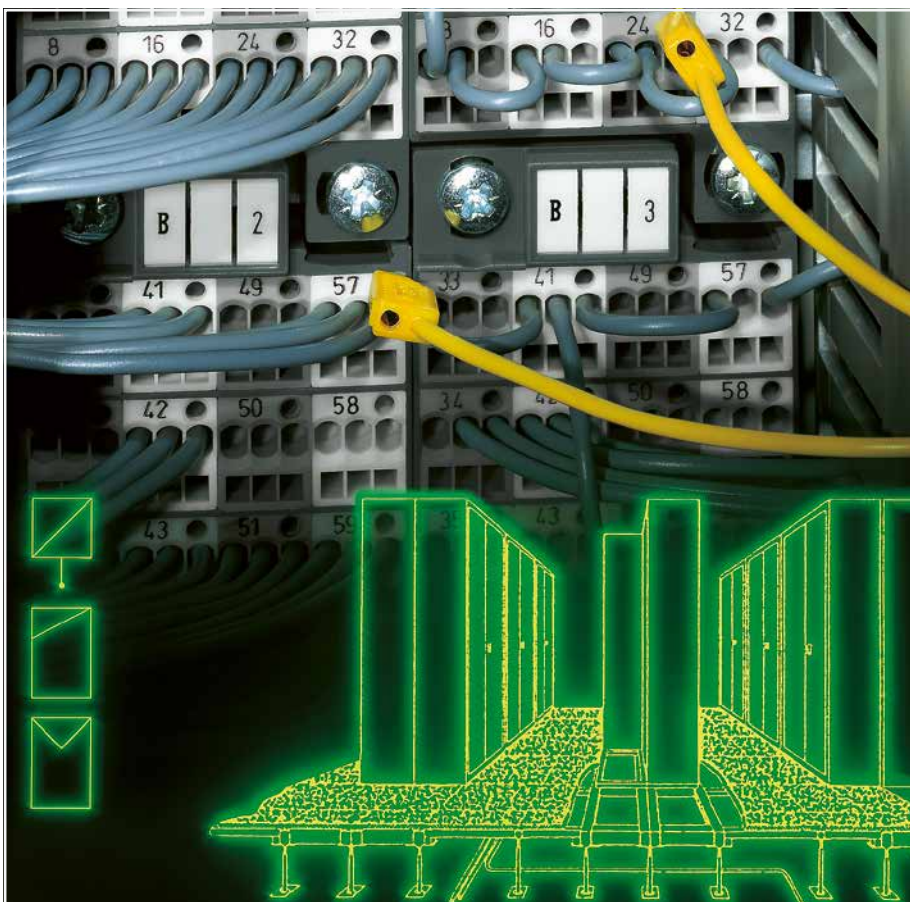
Factory-marked modules
Side 1: 1, 2, 3, 4 ...



Testing with a 2.3 mm Ø test plug.



Blue matrix patchboards are suitable for Ex i applications.



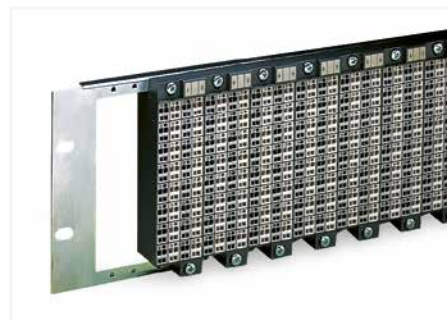
12



Individual group marking via WSB Quick Marking System.



Installation example:
Matrix patchboards in a frame



Installation example:
Matrix patchboards in a 19" rack



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



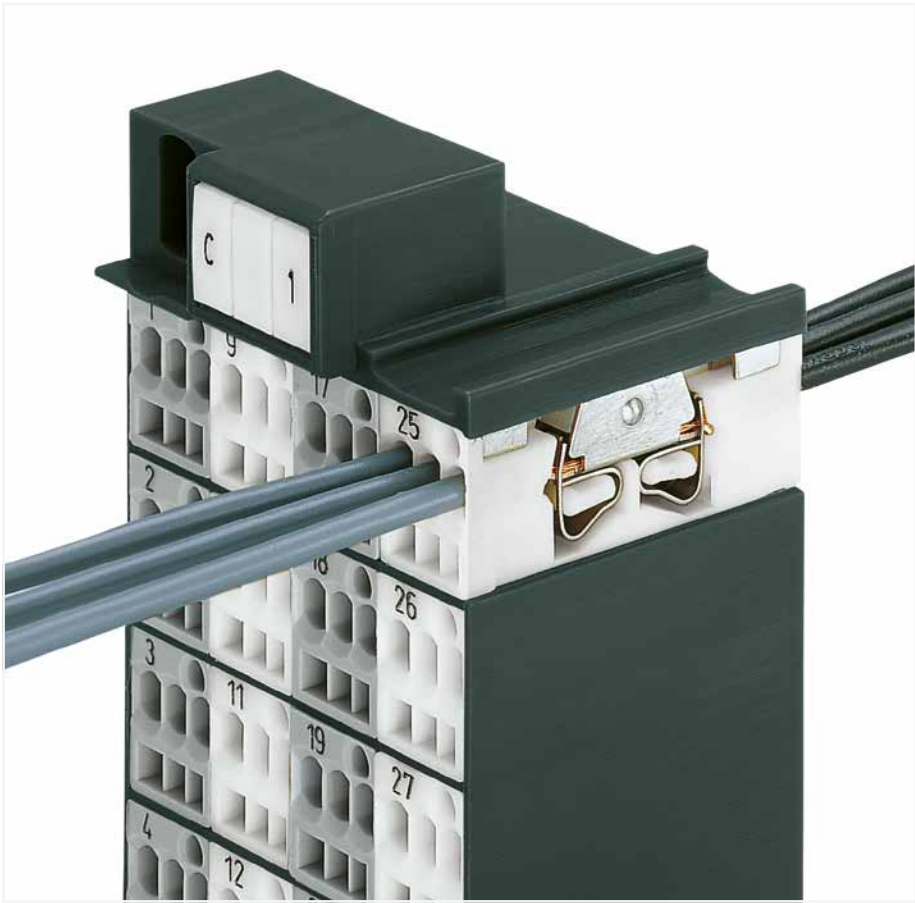
stranded "st"



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



Space saving:
Slimline matrix patchboard (lower right), mounted upside down



Snapping on an additional module with contact to mounting frame.



Assembling a matrix patchboard with additional module – direct connection to the mounting frame.

	Max. conductor cross section (mm ² /AWG) without ferrule	Max. conductor cross section (mm ² /AWG) with ferrule			
		insulated		uninsulated	
Side 2	1.5	0.75	Item No./Color 216-202/ gray	1	Item No. 216-103
Side 1	1.5	0.75	216-202/ gray	1	216-103
Side 2	2.5	1.5	216-204/ black	1.5	216-104
Side 1	1.5	0.75	216-202/ gray	1	216-103



Terminating ferruled conductors via operating tool.



fine-stranded,
tip-bonded



fine-stranded,
with ferrule
(gastight crimped)



fine-stranded,
with pin terminal
(gastight crimped)

Matrix Patchboard; 32-Pole 726 Series

Technical Data

Side 1: 3x 0.08 ... 1.5 mm ²	28 ... 16 AWG
Side 2: 3x 0.08 ... 1.5 mm ²	28 ... 16 AWG
500 V / 6 kV / 3 ①	300 V, 10 A ②
I _N 10 A	300 V, 10 A ②

8 ... 10 mm / 0.31 ... 0.39 inch

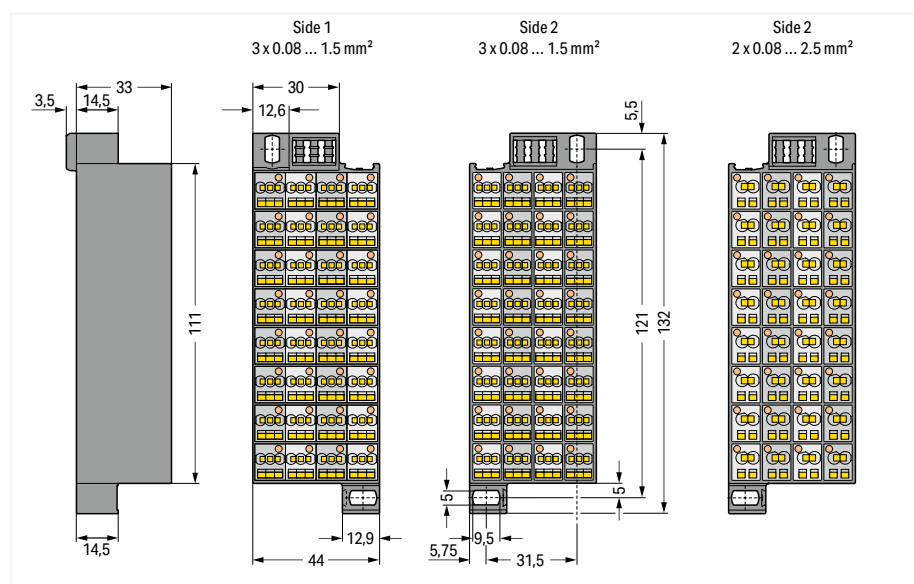
Technical Data

Side 1: 3x 0.08 ... 1.5 mm ²	28 ... 16 AWG
Side 2: 2x 0.08 ... 2.5 mm ²	28 ... 14 AWG
500 V / 6 kV / 3 ①	300 V, 10 A ②
I _N 10 A	300 V, 10 A ②

8 ... 10 mm / 0.31 ... 0.39 inch



Dimensions in mm



Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; 32-pole

Marking	Item No.	Pack. Unit
1 ... 32	726-121	20
33 ... 64	726-122	20

Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; 32-pole

Marking	Item No.	Pack. Unit
1 ... 32	726-221	20
33 ... 64	726-222	20

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; 32-pole

1 ... 32	726-141 ②	20
33 ... 64	726-142 ②	20

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; 32-pole

1 ... 32	726-241 ②	20
33 ... 64	726-242 ②	20

Accessories; for Matrix Patchboards

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pcs/strip

white	726-901	200 (25)
-------	---------	----------

Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 4 x 3 pcs/strip

light gray	726-906	200 (25)
------------	---------	----------

Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 4 x 3 pcs/strip

dark gray	726-907	200 (25)
-----------	---------	----------

Wire commoning chain; insulated; 32 connections; I_N 6 A; max. 50 V; 0.5 mm²

gray	709-107	1
------	---------	---

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

- ② Suitable for Ex i applications

See application notes for:
Insulation stop, page 559

Approvals and corresponding ratings,
visit www.wago.com

Accessories; for Matrix Patchboards

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Group marker carrier for side 2

dark gray	726-902	50
-----------	---------	----

WMB marking card; white; 10 strips with 10 markers/card; 5 ... 5.2 mm stretchable

plain	793-5501	5
-------	----------	---

WMB marking card; white; 10 strips with 10 markers/card; horizontal marking

1 ... 10 (10x)	793-5502	5
----------------	----------	---

WMB marking card; white; 10 strips with 10 markers/card; horizontal marking

1 ... 50 (2x)	793-5566	5
---------------	----------	---

WMB marking card; white; 10 strips with 10 markers/card; horizontal marking

X (100x)	793-5500/793-035	5
----------	------------------	---

Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

	210-719	1
--	---------	---

Matrix Patchboard; 48-Pole 726 Series

Technical Data

Side 1: 3x 0.08 ... 1.5 mm² 28 ... 16 AWGSide 2: 3x 0.08 ... 1.5 mm² 28 ... 16 AWG

500 V / 6 kV / 3 ① 300 V, 10 A ②

I_N 10 A 300 V, 10 A ②

8 ... 10 mm / 0.31 ... 0.39 inch

Technical Data

Side 1: 3x 0.08 ... 1.5 mm² 28 ... 16 AWGSide 2: 2x 0.08 ... 2.5 mm² 28 ... 14 AWG

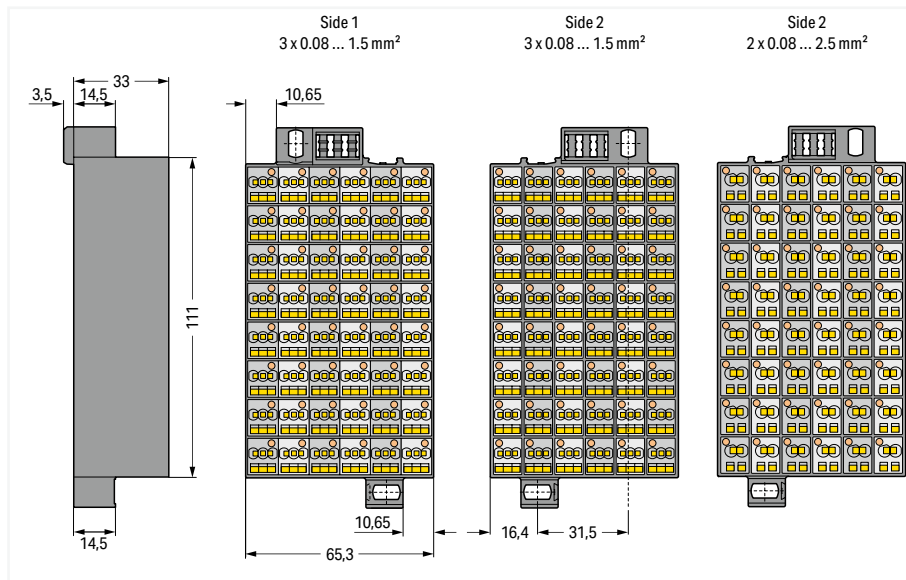
500 V / 6 kV / 3 ① 300 V, 10 A ②

I_N 10 A 300 V, 10 A ②

8 ... 10 mm / 0.31 ... 0.39 inch



Dimensions in mm



Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; 48-pole

Marking	Item No.	Pack. Unit
1 ... 48	726-421	10

Matrix patchboard; Gray/white modules; Module marking on dark gray frame; Vertical module marking on sides 1 and 2; 48-pole

Marking	Item No.	Pack. Unit
1 ... 48	726-521	10

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; 48-pole

1 ... 48	726-441 ②	10
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Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; 48-pole

1 ... 48	726-541 ②	10
----------	-----------	----

Accessories; for Matrix Patchboards

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pcs/strip

white 726-901 200 (25)

Wire commoning chain; insulated; 32 connections; I_N 6 A; max. 50 V; 0.5 mm²

gray 709-107 1

Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 4 x 3 pcs/strip

light gray 726-906 200 (25)

Group marker carrier for side 2

dark gray 726-902 50

Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 4 x 3 pcs/strip

dark gray 726-907 200 (25)

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

- ② Suitable for Ex i applications

See application notes for:
Insulation stop, page 559Approvals and corresponding ratings,
visit www.wago.com

Accessories; for Matrix Patchboards

Appropriate marking systems:
WMB/WMB Inline/Marking stripsWMB marking card; white; 10 strips with 10 markers/card;
5 ... 5.2 mm stretchable

plain 793-5501 5

WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking

1 ... 10 (10x) 793-5502 5

WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking

1 ... 50 (2x) 793-5566 5

WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking

X (100x) 793-5500/793-035 5

Operating tool with a partially insulated shaft; Type 1; (2.5
x 0.4) mm blade

210-719 1

Matrix Patchboard; 80-Pole 726 Series

Technical Data

Side 1: 3x 0.08 ... 1.5 mm²
 Side 2: 3x 0.08 ... 1.5 mm²
 500 V / 6 kV / 3 ①
 I_N 10 A

28 ... 16 AWG
 28 ... 16 AWG
 300 V, 10 A ②
 300 V, 10 A ②

8 ... 10 mm / 0.31 ... 0.39 inch

Technical Data

Side 1: 3x 0.08 ... 1.5 mm²
 Side 2: 2x 0.08 ... 2.5 mm²
 500 V / 6 kV / 3 ①
 I_N 10 A

28 ... 16 AWG
 28 ... 14 AWG
 300 V, 10 A ②
 300 V, 10 A ②

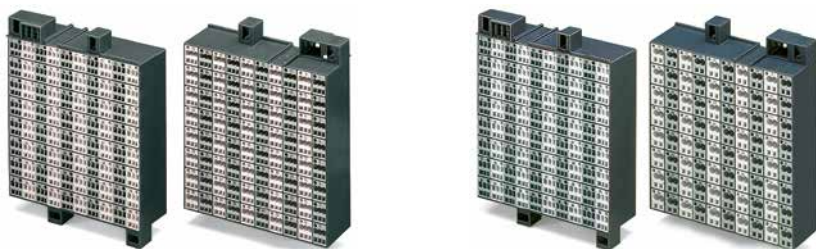
8 ... 10 mm / 0.31 ... 0.39 inch

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

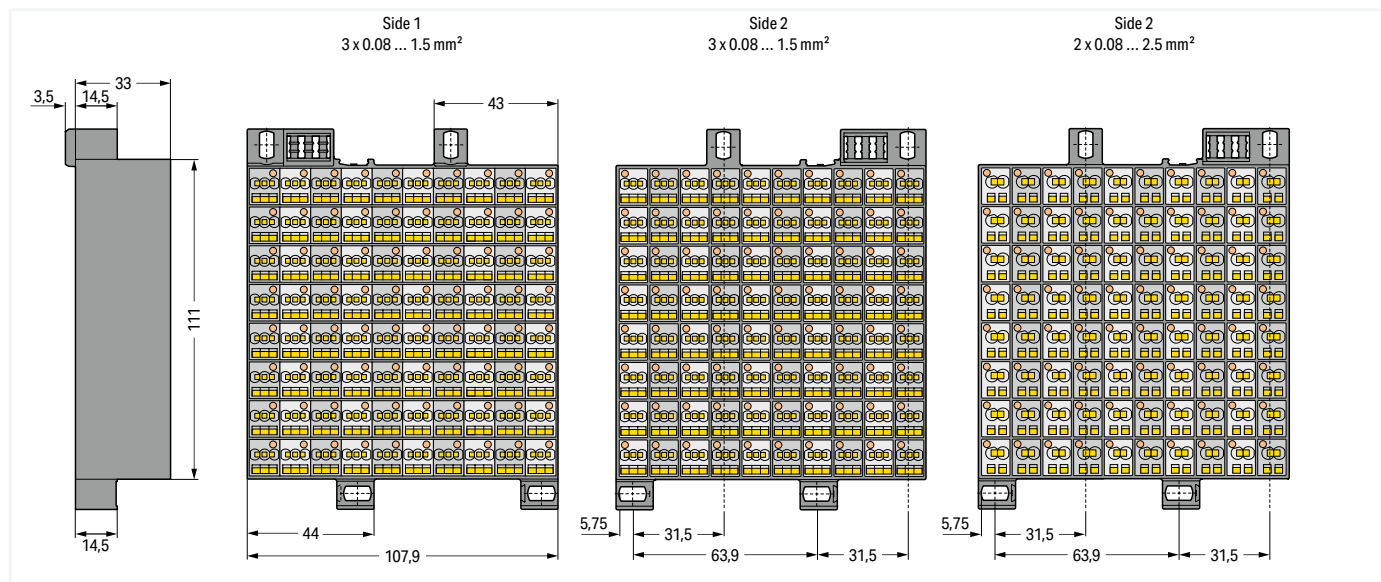
② Suitable for Ex i applications

See application notes for:
 Insulation stop, page 559

Approvals and corresponding ratings,
 visit www.wago.com



Dimensions in mm



Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; 80-pole

Marking	Item No.	Pack. Unit
1 ... 80	726-721	8

Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; 80-pole

Marking	Item No.	Pack. Unit
1 ... 80	726-821	8

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; 80-pole

Marking	Item No.	Pack. Unit
1 ... 80	726-741 ②	8

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; 80-pole

Marking	Item No.	Pack. Unit
1 ... 80	726-841 ②	8

Accessories; for Matrix Patchboards

Appropriate marking systems:
 WMB/WMB Inline/Marking strips

WMB marking card; white; 10 strips with 10 markers/card; horizontal marking

Marking	Item No.	Pack. Unit
X (100x)	793-5500/793-035	5

Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

Marking	Item No.	Pack. Unit
	210-719	1



Accessories; for Matrix Patchboards

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pcs/strip

Marking	Item No.	Pack. Unit
white	726-901	200 (25)



WMB marking card; white; 10 strips with 10 markers/card; 5 ... 5.2 mm stretchable

Marking	Item No.	Pack. Unit
plain	793-5501	5



Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 4 x 3 pcs/strip

Marking	Item No.	Pack. Unit
light gray	726-906	200 (25)



WMB marking card; white; 10 strips with 10 markers/card; horizontal marking

Marking	Item No.	Pack. Unit
1 ... 10 (10x)	793-5502	5



Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 4 x 3 pcs/strip

Marking	Item No.	Pack. Unit
dark gray	726-907	200 (25)



WMB marking card; white; 10 strips with 10 markers/card; horizontal marking

Marking	Item No.	Pack. Unit
1 ... 50 (2x)	793-5566	5

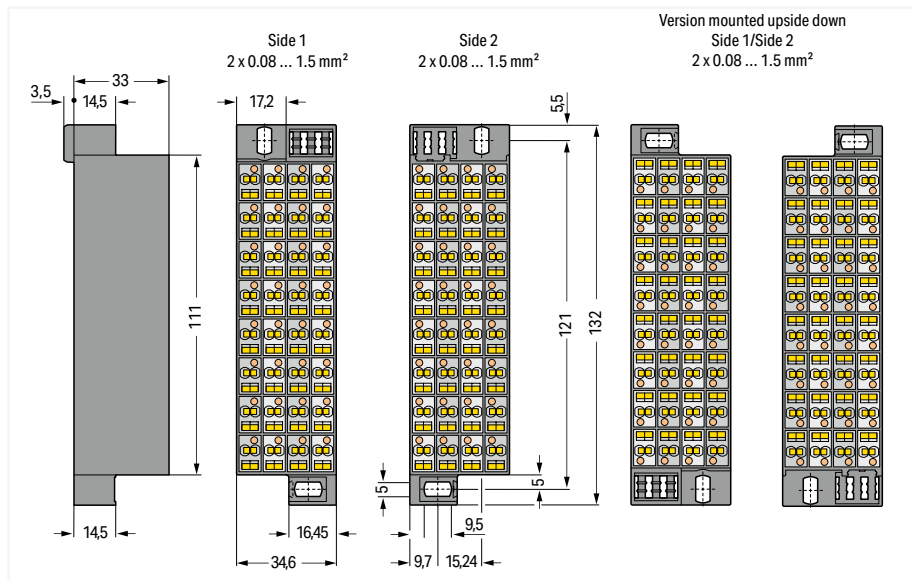


Matrix Patchboard; Slimline Version; for 19" Racks; 32-Pole 726 Series

Technical Data		Technical Data	
Side 1: 2x 0.08 ... 1.5 mm ²	28 ... 16 AWG	Side 1: 2x 0.08 ... 1.5 mm ²	28 ... 16 AWG
Side 2: 2x 0.08 ... 1.5 mm ²	28 ... 16 AWG	Side 2: 2x 0.08 ... 1.5 mm ²	28 ... 16 AWG
500 V / 6 kV / 3 ①	300 V, 10 A 	500 V / 6 kV / 3 ①	300 V, 10 A 
I _N 10 A	300 V, 10 A 	I _N 10 A	300 V, 10 A 
 8 ... 10 mm / 0.31 ... 0.39 inch		 8 ... 10 mm / 0.31 ... 0.39 inch	



Dimensions in mm



Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; for 19" racks; Slimline version; 32-pole

Marking	Item No.	Pack. Unit
1 ... 32	726-321	24
33 ... 64	726-322	24

Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; for 19" racks; Slimline version; 32-pole

Marking	Item No.	Pack. Unit
1 ... 32	726-325	24
33 ... 64	726-326	24

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; for 19" racks; Slimline version; 32-pole

1 ... 32	726-341 ②	24
33 ... 64	726-342 ②	24

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; for 19" racks; Mounted upside down; Slimline version; 32-pole

1 ... 32	726-345 ②	24
33 ... 64	726-346 ②	24

Accessories; for Matrix Patchboards

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop; 0.08 ... 0.2 mm ² "s" (0.14 mm ² "f-st"); 4 x 3 pcs/strip		
 white	726-901	200 (25)

Insulation stop; 0.25 ... 0.5 mm ² "s+f-st"; 4 x 3 pcs/strip		
 dark gray	726-907	200 (25)

Insulation stop; 0.25 mm ² "s"; 0.14 ... 0.25 mm ² "f-st"; 4 x 3 pcs/strip		
 light gray	726-906	200 (25)

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

- ② Suitable for Ex i applications

See application notes for:
Insulation stop, page 559

Approvals and corresponding ratings,
visit www.wago.com

Accessories; for Matrix Patchboards

Appropriate marking systems:
WMB/WMB Inline/Marking strips

WMB marking card; white; 10 strips with 10 markers/card;
5 ... 5.2 mm stretchable

 plain	793-5501	5
---	----------	---

WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking

 1 ... 10 (10x)	793-5502	5
--	----------	---

WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking

 1 ... 50 (2x)	793-5566	5
---	----------	---

WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking

 X (100x)	793-5500/793-035	5
--	------------------	---

Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

	210-719	1
---	---------	---

Common Potential Matrix Patchboard; Slimline Version; for 19" Racks

726 Series

Technical Data

Side 1: I_N 24 A24x 2x 0.08 ... 2.5 mm² | 28 ... 14 AWG

8 ... 10 mm / 0.31 ... 0.39 inch

Side 2: I_N 76 A1x or 2x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG

18 ... 20 mm / 0.71 ... 0.79 inch



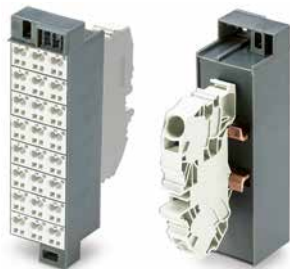
Technical Data

Side 1: I_N 24 A24x 2x 0.08 ... 2.5 mm² | 28 ... 14 AWG

8 ... 10 mm / 0.31 ... 0.39 inch

Side 2: I_N 76 A1x or 2x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG

18 ... 20 mm / 0.71 ... 0.79 inch



Technical Data

Side 1:

24x 2x 0.08 ... 2.5 mm² | 28 ... 14 AWG

8 ... 10 mm / 0.31 ... 0.39 inch

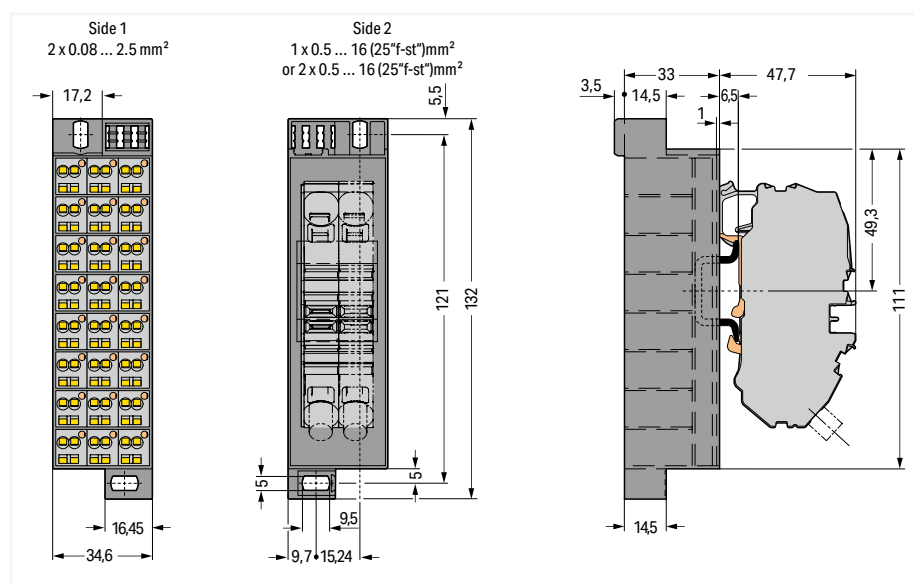
Side 2:

1x or 2x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG

18 ... 20 mm / 0.71 ... 0.79 inch



Dimensions in mm



Common potential matrix patchboard; Dark gray frame; Marking 1 ... 24; Gray modules; Vertical module marking; with one supply terminal block incl. end plate; for 19" racks; Slimline version

Item No.	Pack. Unit
726-601	10

Common potential matrix patchboard; Dark gray frame; Marking 1 ... 24; White modules; Vertical module marking; with one supply terminal block incl. end plate; for 19" racks; Slimline version

Item No.	Pack. Unit
726-611	10

Common potential matrix patchboard; Dark gray frame; Marking 1 ... 24; Green-yellow modules; Vertical module marking; with one supply terminal block incl. end plate; for 19" racks; Slimline version

Item No.	Pack. Unit
726-621	10

12

Common potential matrix patchboard; Dark gray frame; Marking 1 ... 24; Gray modules; Vertical module marking; with two supply terminal blocks incl. end plate; for 19" racks; Slimline version

726-602	10
---------	----

Common potential matrix patchboard; Dark gray frame; Marking 1 ... 24; White modules; Vertical module marking; with two supply terminal blocks incl. end plate; for 19" racks; Slimline version

726-612	10
---------	----

Common potential matrix patchboard; Dark gray frame; Marking 1 ... 24; Green-yellow modules; Vertical module marking; with two supply terminal blocks incl. end plate; for 19" racks; Slimline version

726-622	10
---------	----

Accessories; item-specific

Spare supply terminal block; only for use with common potential matrix patchboards (726Series); 16 mm²; 12 mm wide

gray	2016-7611	20
------	-----------	----

End and intermediate plate; 1 mm thick

gray	2016-7691	100 (25)
------	-----------	----------

Operating tool with a partially insulated shaft; Type 3; (5.5 x 0.8) mm blade

210-721	1
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Accessories; item-specific

Spare supply terminal block; only for use with common potential matrix patchboards (726Series); 16 mm²; 12 mm wide

white	2016-7608	20
-------	-----------	----

End and intermediate plate; 1 mm thick

gray	2016-7691	100 (25)
------	-----------	----------

Operating tool with a partially insulated shaft; Type 3; (5.5 x 0.8) mm blade

210-721	1
---------	---

Accessories; item-specific

Ground supply terminal block; 2-conductor ground terminal block; 16 mm²; 12 mm wide

green-yellow	2016-7607	20
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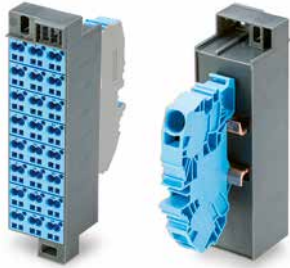
End and intermediate plate; 1 mm thick

gray	2016-7691	100 (25)
------	-----------	----------

Operating tool with a partially insulated shaft; Type 3; (5.5 x 0.8) mm blade

210-721	1
---------	---

Technical Data

Side 1: I_N 24 A24 x 2 x 0.08 ... 2.5 mm² | 28 ... 14 AWG 8 ... 10 mm / 0.31 ... 0.39 inchSide 2: I_N 76 A1 x or 2 x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG 18 ... 20 mm / 0.71 ... 0.79 inch

1 Suitable for Ex i applications

See application notes for:
Insulation stop, page 559Approvals and corresponding ratings,
visit www.wago.com

Accessories; for Common Potential Matrix Patchboards

Appropriate marking systems:
WMB/WMB Inline/Marking stripsInsulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st");
4 x 3 pcs/strip
 white 726-901 200 (25)
Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st";
4 x 3 pcs/strip
 light gray 726-906 200 (25)
Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 4 x 3 pcs/strip
 dark gray 726-907 200 (25)
Wire commoning chain; insulated; 32 connections; I_N 6 A;
max. 50 V; 0.5 mm²
 gray 709-107 1

Group marker carrier for side 2

 dark gray 726-902 50
WMB marking card; white; 10 strips with 10 markers/card;
5 ... 5.2 mm stretchable
 plain 793-5501 5
WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking
 1 ... 10 (10x) 793-5502 5
WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking
 1 ... 50 (2x) 793-5566 5
WMB marking card; white; 10 strips with 10 markers/card;
horizontal marking
 X (100x) 793-5500/793-035 5
WMB Inline; plain; 1,500 WMB markers (5 mm)/reel;
stretchable 5 ... 5.2 mm
 white 2009-115 1
Operating tool with a partially insulated shaft; Type 1; (2.5
x 0.4) mm blade
 210-719 1
Common potential matrix patchboard; Dark gray frame;
Marking 1 ... 24; Blue modules; Vertical module marking;
with one supply terminal block incl. end plate; for 19"
racks; Slimline version

Item No.	Pack. Unit
726-631 1	10

Common potential matrix patchboard; Dark gray frame;
Marking 1 ... 24; Blue modules; Vertical module marking;
with two supply terminal blocks incl. end plate; for 19"
racks; Slimline version

726-632 1	10
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Accessories; item-specific

Spare supply terminal block; 2-conductor supply
terminal block for distribution boxes; only for use with
common potential matrix patchboards (726Series);
16 mm²; 12 mm wide
 blue 2016-7614 20

End and intermediate plate; 1 mm thick

 gray 2016-7691 100 (25)

PUSH-IN CAGE CLAMP® CAGE CLAMP®

Common Potential Matrix Patchboard; Slimline Version; for 19" Racks; Supply Side/Patchboard Side

726 Series

Technical Data

Side 1: I_N 76 A1x or 2x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG

18 ... 20 mm / 0.71 ... 0.79 inch

Side 2: I_N 24 A24x 2x 0.08 ... 2.5 mm² | 28 ... 14 AWG

8 ... 10 mm / 0.31 ... 0.39 inch



Technical Data

Side 1: I_N 76 A1x or 2x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG

18 ... 20 mm / 0.71 ... 0.79 inch

Side 2: I_N 24 A24x 2x 0.08 ... 2.5 mm² | 28 ... 14 AWG

8 ... 10 mm / 0.31 ... 0.39 inch



Technical Data

Side 1:

1x or 2x 0.5 ... 16 (25 "f-st") mm² | 20 ... 4 AWG

18 ... 20 mm / 0.71 ... 0.79 inch

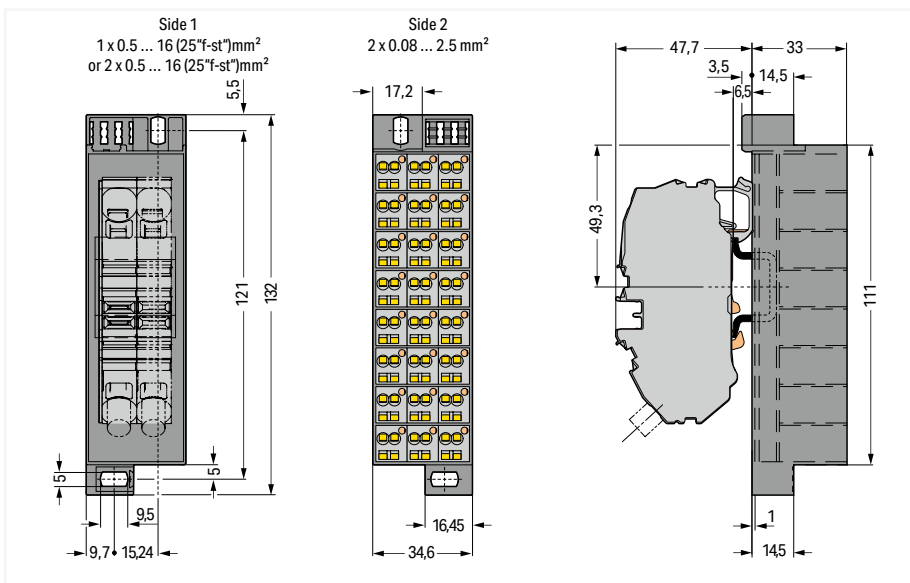
Side 2:

24x 2x 0.08 ... 2.5 mm² | 28 ... 14 AWG

8 ... 10 mm / 0.31 ... 0.39 inch



Dimensions in mm



Common potential matrix patchboard; Dark gray frame; with one supply terminal block incl. end plate; Marking 1 ... 24; Gray modules; Vertical module marking; ; for 19" racks; Slimline version

Item No.	Pack. Unit
726-651	10

Common potential matrix patchboard; Dark gray frame; with one supply terminal block incl. end plate; Marking 1 ... 24; White modules; Vertical module marking; ; for 19" racks; Slimline version

Item No.	Pack. Unit
726-661	10

Common potential matrix patchboard; Dark gray frame; with one supply terminal block incl. end plate; Marking 1 ... 24; Green-yellow modules; Vertical module marking; ; for 19" racks; Slimline version

Item No.	Pack. Unit
726-671	10

12

Common potential matrix patchboard; Dark gray frame; with two supply terminal blocks incl. end plate; Marking 1 ... 24; Gray modules; Vertical module marking; for 19" racks; Slimline version

726-652	10
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Common Potential Matrix Patchboard; Dark gray frame; with two supply terminal blocks incl. end plate; Marking 1 ... 24; White modules; Vertical module marking; for 19" racks; Slimline version

726-662	10
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Common potential matrix patchboard; Dark gray frame; with two supply terminal blocks incl. end plate; Marking 1 ... 24; Green-yellow modules; Vertical module marking; for 19" racks; Slimline version

726-672	10
---------	----

Accessories; item-specific

Spare supply terminal block; only for use with common potential matrix patchboards (726Series); 16 mm²; 12 mm wide

gray	2016-7611	20
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End and intermediate plate; 1 mm thick

gray	2016-7691	100 (25)
------	-----------	----------

Operating tool with a partially insulated shaft; Type 3; (5.5 x 0.8) mm blade

210-721	1
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Accessories; item-specific

Spare supply terminal block; only for use with common potential matrix patchboards (726Series); 16 mm²; 12 mm wide

white	2016-7608	20
-------	-----------	----

End and intermediate plate; 1 mm thick

gray	2016-7691	100 (25)
------	-----------	----------

Operating tool with a partially insulated shaft; Type 3; (5.5 x 0.8) mm blade

210-721	1
---------	---

Accessories; item-specific

Ground supply terminal block; 2-conductor ground terminal block; 16 mm²; 12 mm wide

green-yellow	2016-7607	20
--------------	-----------	----

End and intermediate plate; 1 mm thick

gray	2016-7691	100 (25)
------	-----------	----------

Operating tool with a partially insulated shaft; Type 3; (5.5 x 0.8) mm blade

210-721	1
---------	---

Matrix Patchboard; with Push-Buttons; Slimline Version; for 19" Racks; 32-Pole 726 Series

Technical Data

Side 1: 2x 0.2 ... 1.5 mm² ①	24 ... 16 AWG
Side 2: 2x 0.2 ... 1.5 mm² ①	24 ... 16 AWG
800 V / 8 kV / 3 ②	300 V, 10 A ③
I _N 10 A	300 V, 10 A ③

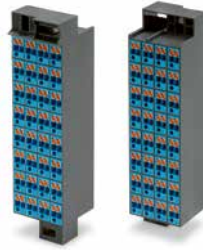
10 mm / 0.39 inch



Technical Data

Side 1: 2x 0.2 ... 1.5 mm² ①	24 ... 16 AWG
Side 2: 2x 0.2 ... 1.5 mm² ①	24 ... 16 AWG
800 V / 8 kV / 3 ②	300 V, 10 A ③
I _N 10 A	300 V, 10 A ③

10 mm / 0.39 inch



① Conductor range: 0.2 ... 1.5 mm² "s+f-st" and 0.25 ... 1 mm² "insulated ferrules; 10 mm"

② 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree (see Section 15)

③ Suitable for Ex i applications

See application notes for:
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories; for Matrix Patchboards

Appropriate marking systems:
WMB/WMB Inline

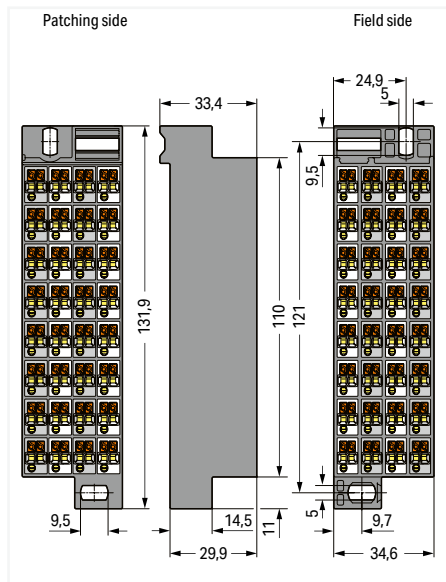
Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

210-719 1



Test probe; 2 mm Ø; min. 12 mm lon; uninsulated tip; not offered by WAGO (e.g., MultiContact XPP-80/2-16)

Dimensions in mm



Matrix patchboard; Dark gray frame; Gray/white modules; for 19" racks; Slimline version; 32-pole

Marking	Item No.	Pack. Unit
plain	726-770	30

Matrix patchboard; Dark gray frame; Gray/white modules; Vertical module marking on sides 1 and 2; for 19" racks; Slimline version; 32-pole

1 ... 32	726-771	30
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Matrix patchboard; Dark gray frame; White/gray modules; for 19" racks; Slimline version; 32-pole

plain	726-780	30
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Accessories; for Matrix Patchboards

Appropriate marking systems: WMB/WMB Inline

Wire commoning chain; insulated; 32 connections; I_N 6 A; max. 50 V; 0.5 mm²

gray 709-107 1

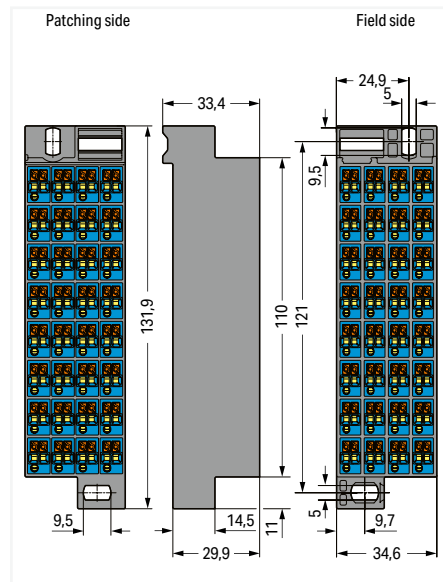


WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 ... 5.2 mm

white 2009-115 1



Dimensions in mm



Matrix patchboard; Dark gray frame; Blue modules; for 19" racks; Slimline version; 32-pole

Marking	Item No.	Pack. Unit
plain	726-800 ③	30

Matrix patchboard; Dark gray frame; Blue modules; Vertical module marking on sides 1 and 2; for 19" racks; Slimline version; 32-pole

1 ... 32	726-801 ③	30
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WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

plain 793-5501 5



Additional Module for Matrix Patchboards 726 Series

Technical Data

0.08 ... 4 mm ²	28 ... 14 AWG
0.08 ... 2.5 mm ²	28 ... 14 AWG
500 V / 6 kV / 3 ①	300 V, 10 A
I _N 10 A	
9 mm / 0.35 inch	

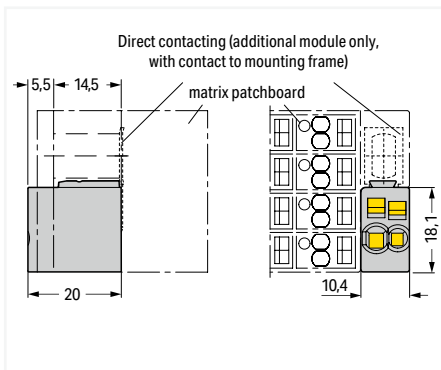
- ① 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

See application notes for:
Insulation stop, page 559

Approvals and corresponding ratings,
visit www.wago.com



Dimensions in mm



Additional module for matrix patchboard; for snap-on mounting to the lower mounting adapter; with CAGE CLAMP®; Additional module with contact to the mounting frame

Color	Item No.	Pack. Unit
○ white	726-903	25



Snapping on an additional module with contact to mounting frame.



Assembling a matrix patchboard with additional module – direct connection to the mounting frame.



Additional module for matrix patchboards; snaps onto the lower mounting adapter; with CAGE CLAMP®; insulated

Color	Item No.	Pack. Unit
○ gray	726-904	25

Insulation Stop; for Matrix Patchboard
726 Series

Suitable for patchboard side (side 1) of 1.5 mm² matrix patchboards (front side differs from back side)



Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pcs/strip		
Color	Item No.	Pack. Unit
○ white	726-901	200 (25)

Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 4 x 3 pcs/strip		
○ gray	726-906	200 (25)

Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 4 x 3 pcs/strip		
● dark gray	726-907	200 (25)



Inserting an insulation stop into conductor entry holes of matrix patchboards.



Mounted insulation stop

Terminal Blocks for Matrix Patching and Common Potential Terminal Blocks

727 Series

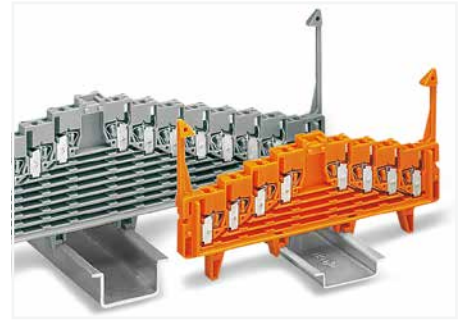
Description and Installation



Snap individual 4- or 8-level terminal blocks onto the DIN-rail.



Slide terminal blocks together.

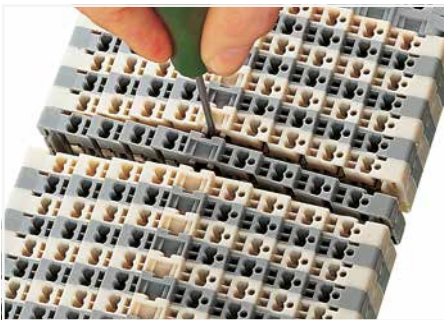


Terminal blocks for DIN-35 x 7.5 mm or DIN-35 x 15 mm rails are available.

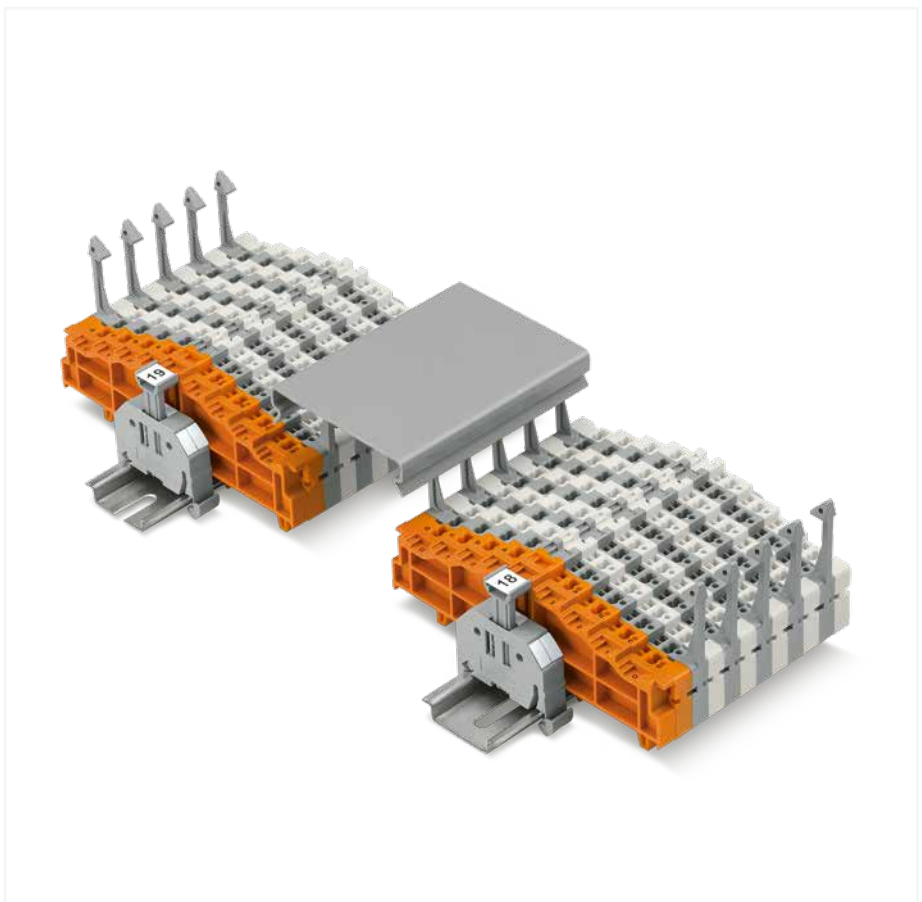


Grip end plate at both sides and:

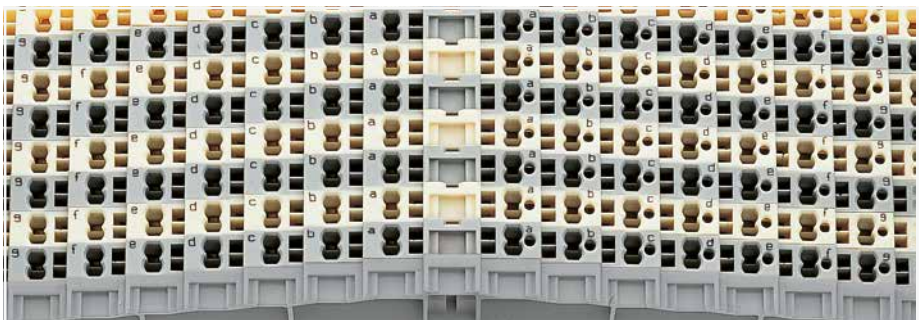
- push down (assembly)
- pull up (removal)



Open the assembly by laterally sliding a block via operating tool (2.5 x 0.4 mm blade).



Slide terminal block and remove from the rail with a levering action.



Connection points identified via factory-direct printing



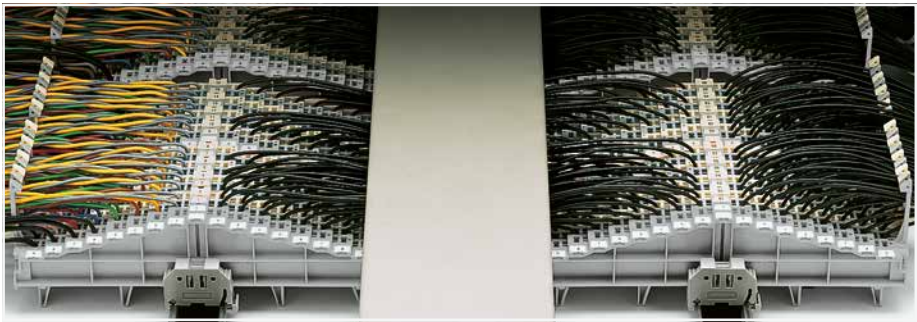
CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"



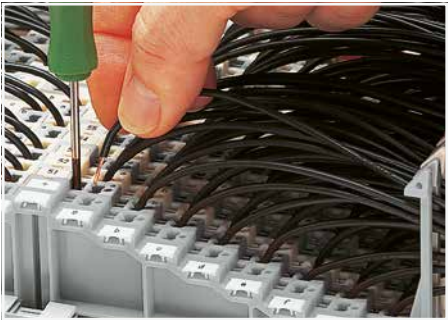
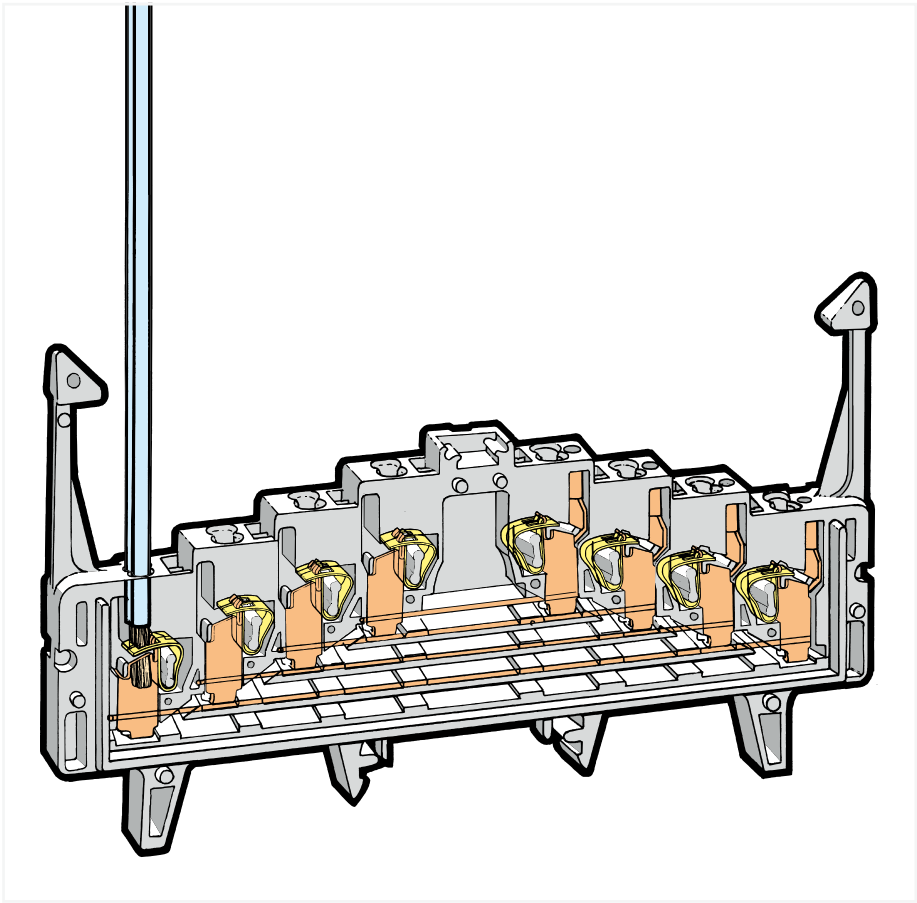
fine-stranded "f-st", also with tinned single strands



Example:
Left: Main cables fed through locking clips on the field side
Right: Control cables fed between locking clips
Center: Wiring of both patching sides



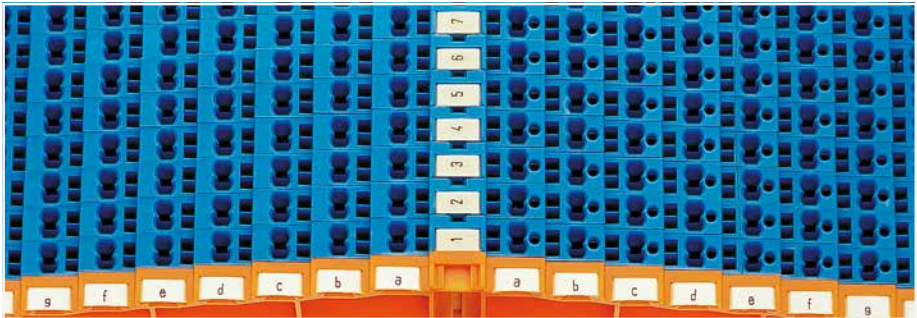
Using terminal blocks with locking clips, the wiring space between the terminal strips can be covered with a wiring duct cover.



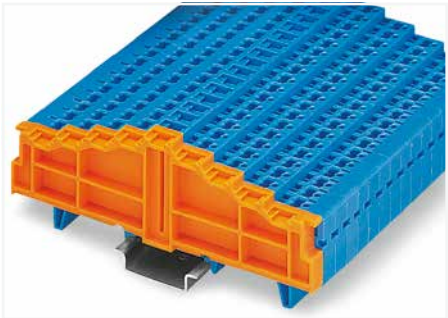
CAGE CLAMP® connection
Inserting a conductor via 210-719 Operating Tool (2.5 x 0.4 mm blade).
Max. cross section for uninsulated ferrules 1 mm² (18 AWG), for insulated ferrules 0.75 mm² (20 AWG)



Special test contact for step-down test plug; from 4 mm socket to 2 mm plug; max. 42 V



Marking coordinates via WMB Multi Marking System.



Blue terminal blocks for matrix patching are suitable for Ex i applications.



4-Level Terminal Block for Matrix Patching

1.5 mm²; 727 Series

Technical Data

0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 12 A	300 V, 10 A ③

Terminal block width: 7.62 mm / 0.3 inch

8 ... 10 mm / 0.31 ... 0.39 inch



4-level terminal block for matrix patching; with locking clips; no marking; 4 x pairs of clamping units on the same level; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
gray	727-219	50
white	727-221	50
blue	727-223 ②	50

4-level terminal block for matrix patching; with locking clips; no marking; 4 x pairs of clamping units on the same level; for DIN 35 x 15 rail

gray	727-229	50
white	727-231	50
blue	727-233 ②	50

Item no. suffixes for terminal blocks with marking:

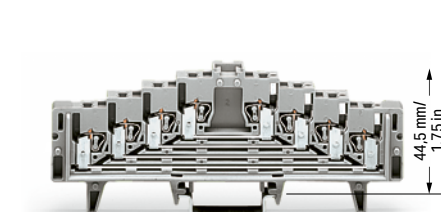
0-1-2-3--3-2-1-0	.../021-000
a-b-c-d--d-c-b-a	.../022-000
3-2-1-0--0-1-2-3	.../023-000
d-c-b-a--a-b-c-d	.../024-000

Technical Data

0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 12 A	300 V, 10 A ③

Terminal block width: 7.62 mm / 0.3 inch

8 ... 10 mm / 0.31 ... 0.39 inch



4-level terminal block for matrix patching; without locking clips; no marking; 4 x pairs of clamping units on the same level; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
gray	727-220	50
white	727-222	50
blue	727-224 ②	50

4-level terminal block for matrix patching; without locking clips; no marking; 4 x pairs of clamping units on the same level; for DIN 35 x 15 rail

gray	727-230	50
white	727-232	50
blue	727-234 ②	50

Other terminal blocks with the same profile:

0-1-2-3--3-2-1-0	.../021-000
a-b-c-d--d-c-b-a	.../022-000
3-2-1-0--0-1-2-3	.../023-000
d-c-b-a--a-b-c-d	.../024-000

Accessories; 727 Series

Appropriate marking system: WMB

4-level end plate; no marking; 7.62 mm thick

orange	727-217	25
gray	727-213	25
blue	727-214	25

4-level end plate; Marking: 0-1-2-3--3-2-1-0; 7.62 mm thick

orange	727-205	25
gray	727-255	25
blue	727-265	25

4-level end plate; Marking: a-b-c-d--d-c-b-a; 7.62 mm thick

orange	727-206	25
gray	727-256	25
blue	727-266	25

4-level end plate; Marking: 3-2-1-0--0-1-2-3; 7.62 mm thick

orange	727-207	25
gray	727-257	25
blue	727-267	25

4-level end plate; Marking: d-c-b-a--a-b-c-d; 7.62 mm thick

orange	727-208	25
gray	727-258	25
blue	727-268	25

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 8 pcs/strip

white	727-197	200 (25)
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Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 8 pcs/strip

light gray	727-198	200 (25)
------------	---------	----------

Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 8 pcs/strip

dark gray	727-199	200 (25)
-----------	---------	----------

Wire commoning chain; insulated; 32 connections; I_N 6 A; max. 50 V; 0.5 mm²

gray	709-107	1
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Step-down test plug; from 4 mm socket to 2 mm plug; max. 42 V

red	210-297	100 (25)
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① 250 V = rated voltage

4 kV = rated impulse voltage

3 = pollution degree

(see Section 15)

② Terminal blocks with a blue insulated housing are suitable for Ex i applications.
60 V = peak value ^ (table 4, EN 60079-11 when approved by the manufacturer's authorized inspection representative)

See application notes for:

Wire harness support, page 567

Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories; 727 Series

Appropriate marking systems:
WMB

Wire harness support

gray	249-109	50
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Double marker carrier; for center I/O module marking; for WSB and WMB marking systems; 4 mm wide

gray	209-128	200 (100)
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Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

	210-719	1
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4-Level Common Potential Terminal Block

1.5 mm²; 727 Series

Technical Data

0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 18 A	300 V, 10 A ③
Terminal block width: 7.62 mm / 0.3 inch	
8 ... 10 mm / 0.31 ... 0.39 inch	

Technical Data

0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 18 A	300 V, 10 A ③
Terminal block width: 7.62 mm / 0.3 inch	
8 ... 10 mm / 0.31 ... 0.39 inch	

- ① 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

See application notes for:
Wire harness support, page 567
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 727 Series

Appropriate marking systems:
WMB

Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade



210-719 1



126 mm/4.96 in



126 mm/4.96 in

4-level common potential terminal block; with locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
orange	727-225	50
light gray	727-227	50

4-level terminal block for matrix patching; without locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
orange	727-226	50
light gray	727-228	50

4-level common potential terminal block; with locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 15 rail

orange	727-235	50
light gray	727-237	50

4-level terminal block for matrix patching; without locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 15 rail

orange	727-236	50
light gray	727-238	50

Item no. suffixes for terminal blocks with marking:

0-1-2-3--3-2-1-0	.../021-000
a-b-c-d--d-c-b-a	.../022-000
3-2-1-0--0-1-2-3	.../023-000
d-c-b-a--a-b-c-d	.../024-000

Other terminal blocks with the same profile:

0-1-2-3--3-2-1-0	.../021-000
a-b-c-d--d-c-b-a	.../022-000
3-2-1-0--0-1-2-3	.../023-000
d-c-b-a--a-b-c-d	.../024-000

Accessories; 727 Series

Appropriate marking system: WMB

4-level end plate; no marking; 7.62 mm thick

orange	727-217	25
gray	727-213	25

4-level end plate; Marking: 0-1-2-3--3-2-1-0; 7.62 mm thick

orange	727-205	25
gray	727-255	25

4-level end plate; Marking: a-b-c-d--d-c-b-a; 7.62 mm thick

orange	727-206	25
gray	727-256	25

4-level end plate; Marking: 3-2-1-0--0-1-2-3; 7.62 mm thick

orange	727-207	25
gray	727-257	25

4-level end plate; Marking: d-c-b-a--a-b-c-d; 7.62 mm thick

orange	727-208	25
gray	727-258	25

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 8 pcs/strip

white	727-197	200 (25)
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Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 8 pcs/strip

light gray	727-198	200 (25)
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Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 8 pcs/strip

dark gray	727-199	200 (25)
-----------	---------	----------

Wire commoning chain; insulated; 32 connections; I_N 6 A; max. 50 V; 0.5 mm²

gray	709-107	1
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Step-down test plug; from 4 mm socket to 2 mm plug; max. 42 V

red	210-297	100 (25)
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Wire harness support

gray	249-109	50
------	---------	----

Double marker carrier; for center I/O module marking; for WSB and WMB marking systems; 4 mm wide

gray	209-128	200 (100)
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8-Level Terminal Block for Matrix Patching

1.5 mm²; 727 Series

Technical Data

0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 10 A	300 V, 10 A ③

Terminal block width: 7.62 mm / 0.3 inch

8 ... 10 mm / 0.31 ... 0.39 inch



8-level terminal block for matrix patching; with locking clips; no marking; 8 x pairs of clamping units on the same level; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
gray	727-119	25
white	727-121	25
blue	727-123 ②	25

8-level terminal block for matrix patching; with locking clips; no marking; 8 x pairs of clamping units on the same level; for DIN 35 x 15 rail

gray	727-129	25
white	727-131	25
blue	727-133 ②	25

Item no. suffixes for terminal blocks with marking:

0-1-2-3-4-5-6-7--7-6-5-4-3-2-1-0	.../001-000
a-b-c-d-e-f-g-h--h-g-f-e-d-c-b-a	.../002-000
7-6-5-4-3-2-1-0--0-1-2-3-4-5-6-7	.../003-000
h-g-f-e-d-c-b-a--a-b-c-d-e-f-g-h	.../004-000

Accessories; 727 Series

Appropriate marking system: WMB

8-level end plate; no marking; 7.62 mm thick

orange	727-117	25
gray	727-113	25
blue	727-114	25
white	727-115	25
light gray	727-116	25

8-level end plate; Marking: 0-1-2-3-4-5-6-7--7-6-5-4-3-2-1-0; 7.62 mm thick

orange	727-105	25
gray	727-155	25
blue	727-159	25
white	727-163	25
light gray	727-167	25

8-level end plate; Marking: a-b-c-d-e-f-g-h--h-g-f-e-d-c-b-a; 7.62 mm thick

orange	727-106	25
gray	727-156	25
blue	727-160	25
white	727-164	25
light gray	727-168	25

Technical Data

0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 10 A	300 V, 10 A ③

Terminal block width: 7.62 mm / 0.3 inch

8 ... 10 mm / 0.31 ... 0.39 inch



8-level terminal block for matrix patching; without locking clips; no marking; 8 x pairs of clamping units on the same level; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
gray	727-120	25
white	727-122	25
blue	727-124 ②	25

8-level terminal block for matrix patching; without locking clips; no marking; 8 x pairs of clamping units on the same level; for DIN 35 x 15 rail

gray	727-130	25
white	727-132	25
blue	727-134 ②	25

Other terminal blocks with the same profile:

0-1-2-3-4-5-6-7--7-6-5-4-3-2-1-0	.../001-000
a-b-c-d-e-f-g-h--h-g-f-e-d-c-b-a	.../002-000
7-6-5-4-3-2-1-0--0-1-2-3-4-5-6-7	.../003-000
h-g-f-e-d-c-b-a--a-b-c-d-e-f-g-h	.../004-000

① 250 V = rated voltage

4 kV = rated impulse voltage

3 = pollution degree

(see Section 15)

② Terminal blocks with a blue insulated housing are suitable for Ex i applications.
60 V = peak value ^ (table 4, EN 60079-11 when approved by the manufacturer's authorized inspection representative

See application notes for:

Wire harness support, page 567

Marking, from page 640

Note: Only combine terminal blocks and end plates that are colored **gray/white/light gray** or **orange/blue**!

Approvals and corresponding ratings, visit www.wago.com

Accessories; 727 Series

Appropriate marking systems:

WMB

Insulation stop; 0.25 ... 0.5 mm² "s+f-st"; 8 pcs/strip

dark gray	727-199	200 (25)
-----------	---------	----------



Wire commoning chain; insulated; 32 connections; I_N 6 A; max. 50 V; 0.5 mm²

gray	709-107	1
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Step-down test plug; from 4 mm socket to 2 mm plug; max. 42 V

red	210-297	100 (25)
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Wire harness support

gray	249-109	50
------	---------	----



Double marker carrier; for center I/O module marking; for WSB and WMB marking systems; 4 mm wide

gray	209-128	200 (100)
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WMB marker card; white; 10 strips with 10 markers/card; for PLC input marking; for 5 ... 17.5 mm terminal block width

E0.0, E0.1, ..., E9.6, E9.7 (1x each)	793-933	5
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Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

	210-719	1
--	---------	---

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 8 pcs/strip

white	727-197	200 (25)
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Insulation stop; 0.25 mm² "s"; 0.14 ... 0.25 mm² "f-st"; 8 pcs/strip

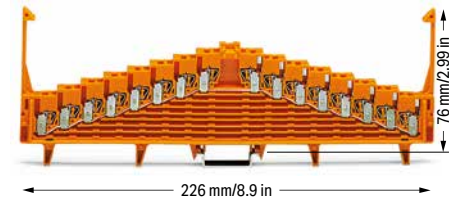
light gray	727-198	200 (25)
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8-Level Common Potential Terminal Block

1.5 mm²; 727 Series

Technical Data	
0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 18 A	300 V, 10 A ③
Terminal block width: 7.62 mm / 0.3 inch	
8 ... 10 mm / 0.31 ... 0.39 inch	



8-level common potential terminal block; with locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
orange	727-125	25
light gray	727-127	25

8-level common potential terminal block; with locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 15 rail

orange	727-135	25
light gray	727-137	25

Item no. suffixes for terminal blocks with marking:

0-1-2-3-4-5-6-7--7-6-5-4-3-2-1-0	.../001-000
a-b-c-d-e-f-g-h--h-g-f-e-d-c-b-a	.../002-000
7-6-5-4-3-2-1-0--0-1-2-3-4-5-6-7	.../003-000
h-g-f-e-d-c-b-a--a-b-c-d-e-f-g-h	.../004-000

Accessories; 727 Series

Appropriate marking system: WMB

8-level end plate; no marking; 7.62 mm thick		
orange	727-117	25
gray	727-113	25
blue	727-114	25
white	727-115	25
light gray	727-116	25

8-level end plate; Marking: 0-1-2-3-4-5-6-7--7-6-5-4-3-2-1-0; 7.62 mm thick		
orange	727-105	25
gray	727-155	25
blue	727-159	25
white	727-163	25
light gray	727-167	25

8-level end plate; Marking: a-b-c-d-e-f-g-h--h-g-f-e-d-c-b-a; 7.62 mm thick		
orange	727-106	25
gray	727-156	25
blue	727-160	25
white	727-164	25
light gray	727-168	25

8-level end plate; Marking: 7-6-5-4-3-2-1-0--0-1-2-3-4-5-6-7; 7.62 mm thick		
orange	727-107	25
gray	727-157	25
blue	727-161	25
white	727-165	25
light gray	727-169	25

Technical Data	
0.08 ... 1.5 mm ²	28 ... 16 AWG
250 V / 4 kV / 3 ①	300 V, 10 A ②
I _N 18 A	300 V, 10 A ③
Terminal block width: 7.62 mm / 0.3 inch	
8 ... 10 mm / 0.31 ... 0.39 inch	



8-level terminal block for matrix patching; without locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 7.5 rail

Color	Item No.	Pack. Unit
orange	727-126	25
light gray	727-128	25

8-level terminal block for matrix patching; without locking clips; no marking; all clamping units connected to the same current bar; for DIN 35 x 15 rail

orange	727-136	25
light gray	727-138	25

Other terminal blocks with the same profile:

0-1-2-3-4-5-6-7--7-6-5-4-3-2-1-0	.../001-000
a-b-c-d-e-f-g-h--h-g-f-e-d-c-b-a	.../002-000
7-6-5-4-3-2-1-0--0-1-2-3-4-5-6-7	.../003-000
h-g-f-e-d-c-b-a--a-b-c-d-e-f-g-h	.../004-000

- ① 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

See application notes for:
Wire harness support, page 567
Marking, from page 640

Note: Only combine terminal blocks and end plates that are colored **gray/white/light gray** or **orange/blue**!

Approvals and corresponding ratings, visit www.wago.com

Accessories; 727 Series

Appropriate marking systems:
WMB

Step-down test plug; from 4 mm socket to 2 mm plug; max. 42 V

red	210-297	100 (25)
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Wire harness support

gray	249-109	50
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Double marker carrier; for center I/O module marking; for WSB and WMB marking systems; 4 mm wide

gray	209-128	200 (100)
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Operating tool with a partially insulated shaft; Type 1; (2.5 x 0.4) mm blade

	210-719	1
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Terminal Blocks for Matrix Patching

280 Series

Description and Installation



Terminal blocks for matrix patching:
Inserting/removing a conductor on the terminal block's side-entry.
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.



Terminal blocks for matrix patching:
Inserting/removing a conductor in the terminal block's center.



Using terminal blocks for matrix patching as disconnect terminal blocks via disconnect jumpers.



Multiplying potentials
via 10-way comb-style jumper bar.
(only possible in the terminal block's center)



Separator for 3-conductor, double-potential terminal blocks (280-675)

Terminal Block for Matrix Patching

2.5 mm²; 280 Series

Technical Data

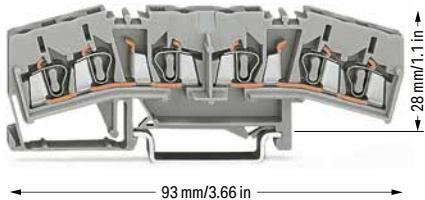
0.08 ... 2.5 mm² | 28 ... 12 AWG*

800 V / 8 kV / 3 ① | 600 V, 10 A

I_N 18 A

Terminal block width: 5 mm / 0.197 inch

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



3-conductor double-potential terminal block or terminal block for matrix patching

Notice: This 3-conductor double-potential terminal block cannot be commoned via adjacent jumpers.

Color	Item No.	Pack. Unit
gray	280-675	100

Accessories; for Terminal Blocks for Matrix Patching

Appropriate marking systems:
WMB/WMB Inline

End and intermediate plate; 25 mm thick

orange	280-333	25
gray	280-325	25

Separator; 3 mm oversized; 1 mm thick

gray	280-394	100 (25)
orange	280-395	100 (25)

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

white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	280-415	100 (25)
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Comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-482	200 (25)
3-way	280-483	200 (25)

Comb-style jumper bar; insulated; I_N = I_N of terminal block

10-way	280-490	50 (25)
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Disconnect jumper; with pull-tab; I_N = I_N of terminal block; orange

2-way	280-494	200 (25)
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*12 AWG: THHN, THWN

- ① 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree (see Section 15)
500 V / 6 kV / 3 between both current bars (if used as disconnect terminal block or potential multiplier)

See application notes for:
Insulation stop, page 382
Comb-style jumper bar, page 384
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories; for Terminal Blocks for Matrix Patching

Appropriate marking systems:
WMB/WMB Inline

Operating tool; insulated

2-way	280-432	1
3-way	280-433	1

Operating tool; insulated

10-way	280-440	1
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For 5 mm wide double-potential terminal blocks, two 3-conductor through terminal blocks are offered in one insulating housing on one level. This achieves a width of just 2.5 mm versus standard through terminal blocks. On each side of the terminal block are marker slots for WAGO WMB Inline markers. Via the available accessories, these terminal blocks can also be used as 4-conductor disconnect terminal blocks or potential multipliers.

Busbar Terminal Blocks

812 Series

Description and Installation

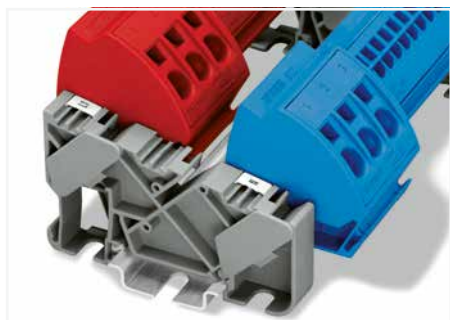


Snapping a ground busbar terminal block onto the N-busbar.

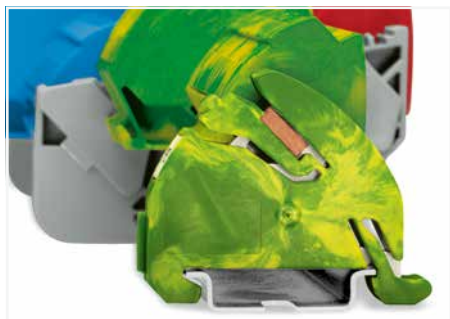


Unlock right and left positions to remove the ground busbar terminal block. Then pull up the block from the busbar.

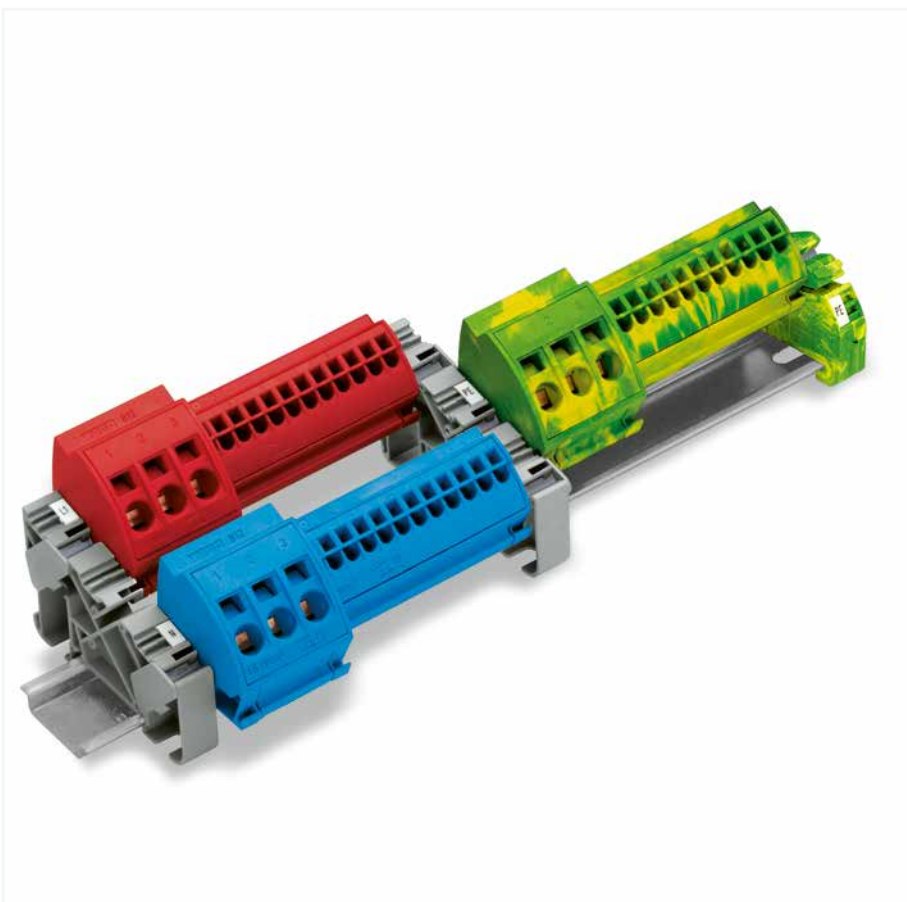
Using the 812 Series Busbar Terminal Blocks in switchgear cabinets and distribution boards permits simple and safe potential distribution on standard (10 x 3) mm busbars. Tool-free snapping of self-locking busbar terminal blocks onto the busbar enables quick and easy assembly, as well as subsequent extension. The busbar terminal blocks are available in two different versions for conductors ranging from 1.5 to 16 mm² (16–6 AWG). Current carrying capacity: With a maximum total current of 96 A, the clamping units of the busbar terminal block can be loaded with the rated current of the conductor cross sections approved. This only applies when (10 x 3) mm busbars are used.



Busbar carrier (812-140):
Offers three receptacles for (10 x 3) mm busbars with locking device for easy mounting of the busbars. The carrier can be snapped onto the DIN-35 rail or screwed on a panel.



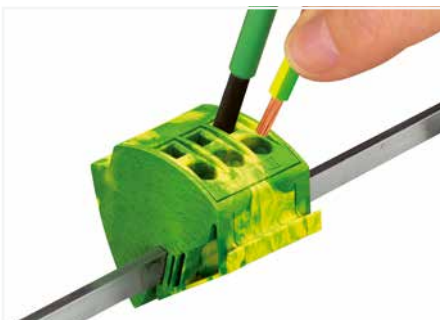
Ground busbar carrier (812-141):
Offers a receptacle with locking device for (10 x 3) mm busbar. Contact between the busbar and rail is made automatically by simply snapping the carrier onto the DIN-35 rail. One end of the busbar is mounted onto the ground busbar carrier, the other end is inserted into the middle position of the insulated busbar carrier.



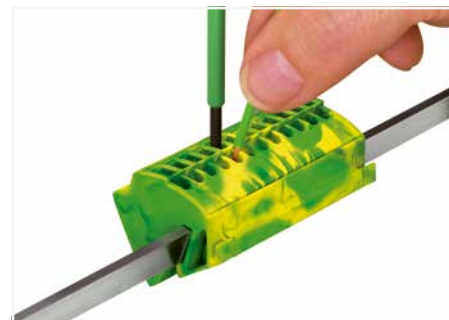
Mixed 4 mm² (12 AWG) and 16 mm² (6 AWG) busbar terminal blocks



Conductor termination (4 mm²/12 AWG):
With Push-in CAGE CLAMP®, solid conductors can be terminated by simply pushing them into the 12 x 4 mm² busbar terminal block, significantly reducing wiring time.



Conductor termination (16 mm²/6 AWG):
Open the clamping unit with an operating tool when terminating solid, stranded and fine-stranded conductors.



Conductor removal (4 mm²/12 AWG and 16 mm²/6 AWG):
Open the clamping unit using an operating tool.

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

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

fine-stranded,
tip-bonded