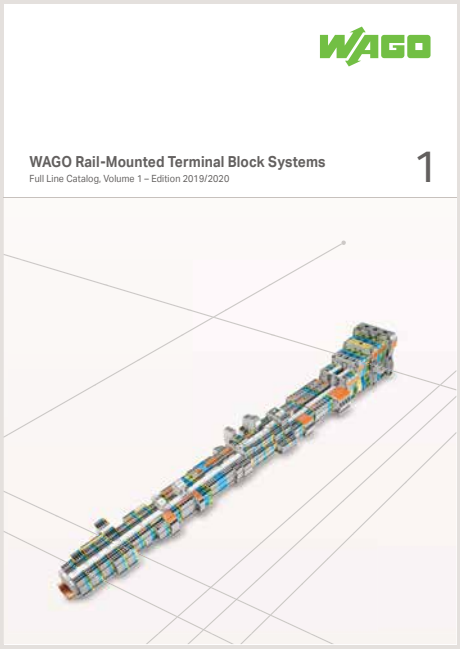
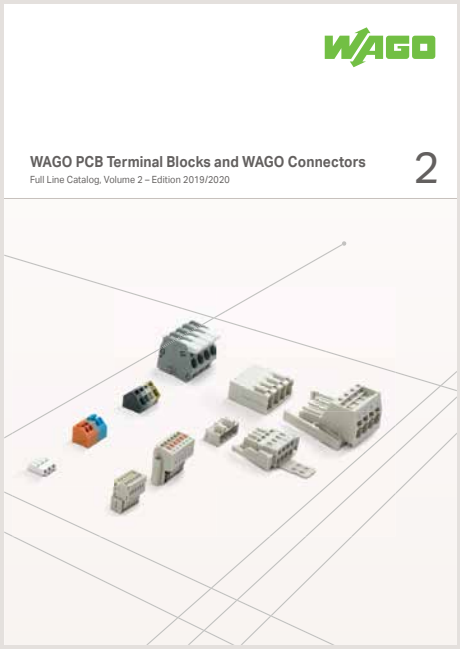
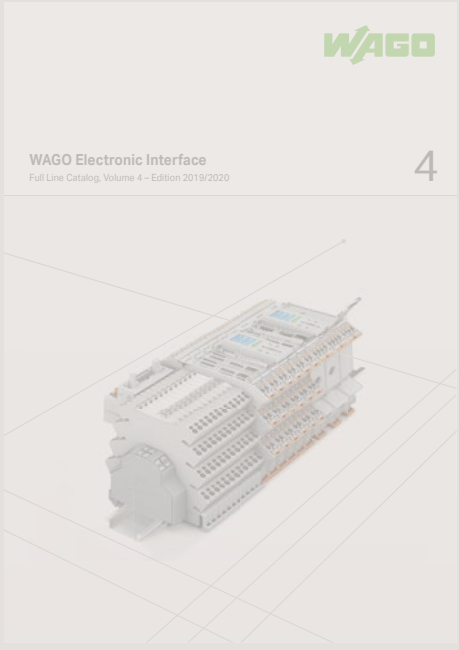
Electrical Interconnection

Supplementary Catalog to Full Line Catalogs, Volumes 1/2/5/6

Edition 2019/2







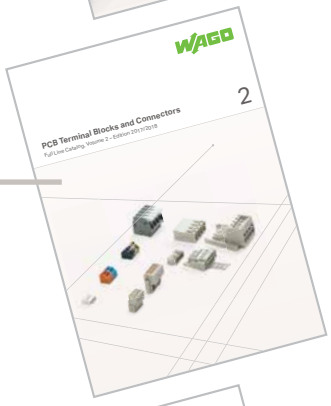
The new items in this catalog supplement products found in the following main catalogs

N 1/2/5/6

Volume 6
WAGO Marking

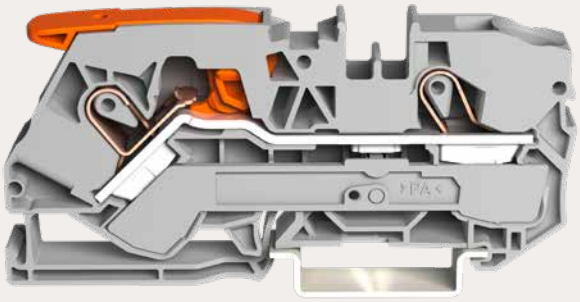
Volume 5
WAGO Pluggable Connection System *WINSTA®*

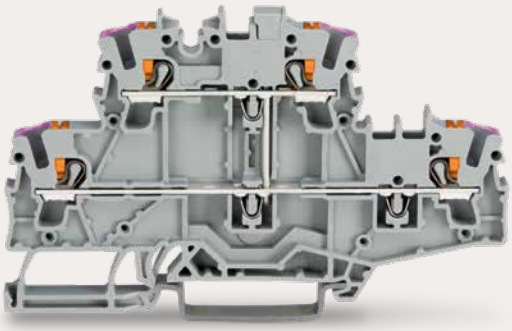
Volume 2
WAGO PCB Terminal Blocks and WAGO Connectors

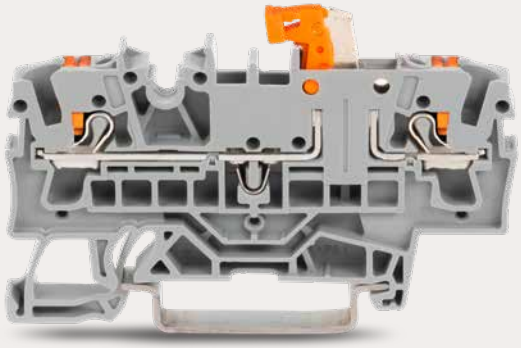


Volume 1
WAGO Rail-Mounted Terminal Block Systems

Supplementary Catalog: Electrical Interconnections







Volume 1, WAGO Rail-Mount Terminal Block Systems

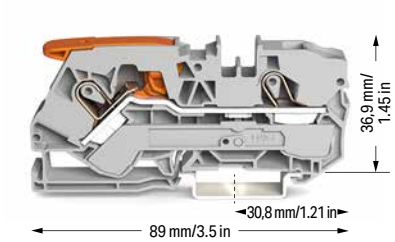
Volume 1, WAGO Rail-Mount Terminal Block Systems

PUSH-IN CAGE CLAMP®

Through and Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-in CAGE CLAMP®

10 (16) mm²; 2110 Series

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



2-conductor through terminal block; with lever and Push-in CAGE CLAMP®		
Color	Item No.	Pack. Unit
gray	2110-1201	25
blue	2110-1204 ❸	25

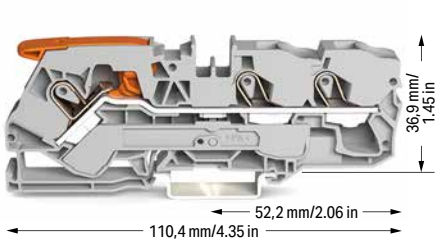
2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®		
green-yellow	2110-1207	25

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1292	100 (25)
gray	2110-1291	100 (25)

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



3-conductor through terminal block; with lever and Push-in CAGE CLAMP®		
Color	Item No.	Pack. Unit
gray	2110-1301	25
blue	2110-1304 ❸	25

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®		
green-yellow	2110-1307	25

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1392	100 (25)
gray	2110-1391	100 (25)

Accessories; 2110 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 57 A; light gray

2-way	2010-402	25
3-way	2010-403	25
4-way	2010-404	25
5-way	2010-405	25

Push-in type jumper bar; insulated; I_N 57 A; light gray

1 to 3	2010-433	25
1 to 4	2010-434	25
1 to 5	2010-435	25

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

1-3-5	2010-405/011-000	25

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

yellow	2010-115	100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow	2010-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2010-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

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

white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

❶ Conductor range: 0.5 … 16 mm² "s+f-st"
Push-in termination: 4 … 16 mm² "s" and 4 … 10 mm² "insulated ferrules, 18 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

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

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 155
Testing accessories, from page 148
Marking accessories, from page 588

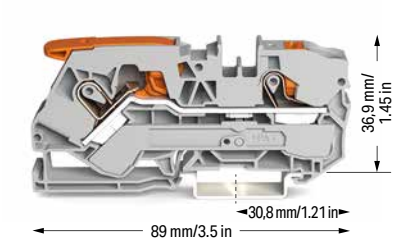
Approvals and corresponding ratings, visit www.wago.com

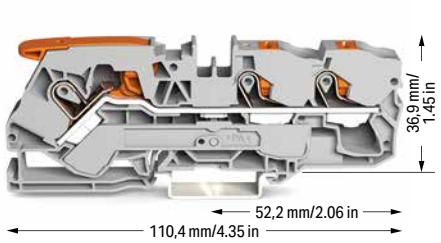
PUSH-IN CAGE CLAMP®

Through and Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-Button
10 (16) mm²; 2110 Series

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	





❶ Conductor range: 0.5 … 16 mm² “s+f-st”
Push-in termination: 4 … 16 mm² “s” and 4 … 10 mm² “insulated ferrules, 18 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

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

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 155
Testing accessories, from page 148
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with lever and push-button

Color	Item No.	Pack. Unit
gray	2110-5201	25
blue	2110-5204 ❸	25

3-conductor through terminal block; with lever and push-button

Color	Item No.	Pack. Unit
gray	2110-5301	25
blue	2110-5304 ❸	25

2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-5207	25

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-5307	25

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1292	100 (25)
gray	2110-1291	100 (25)

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1392	100 (25)
gray	2110-1391	100 (25)

Accessories; 2110 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 57 A; light gray

2-way	2010-402	25
3-way	2010-403	25
4-way	2010-404	25
5-way	2010-405	25

Push-in type jumper bar; insulated; I_N 57 A; light gray

1 to 3	2010-433	25
1 to 4	2010-434	25
1 to 5	2010-435	25

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

1-3-5	2010-405/011-000	25

Finger guard; touch-proof cover protects unused conductor entries

yellow	2010-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2010-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

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

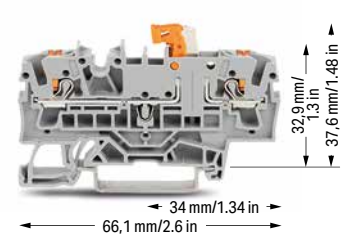
white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Disconnect/Test Terminal Block and Through Terminal Block TOPJOB® S; with Push-Button
2.5 (4) mm²; 2202 Series

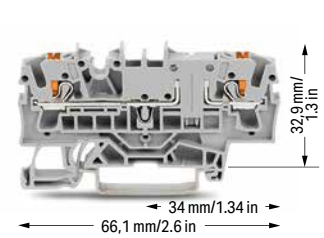
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with push-button; with test point; Orange disconnect link

Color	Item No.	Pack. Unit
gray	2202-1671	50
blue	2202-1674	50
orange	2202-1672	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor through terminal block; with push-button; with test point; Same profile as 2-conductor disconnect terminal block

Color	Item No.	Pack. Unit
gray	2202-1601	50
blue	2202-1604	50
orange	2202-1602	50

Other terminal blocks with the same profile		
Fuse	2202-1681	Page 12
Carrier; gray	2202-1661	
Carrier; orange	2202-1662	

❶ Conductor range: 0.25 … 2.5 mm² "s+f-st" and 0.25 … 4 mm² "s";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Testing accessories, from page 146
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

1-2 3-4 5-6	2002-406/020-000	25

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

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

L-type test plug module; snaps together

gray **2002-611** 100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks,

gray **2002-649** 100 (25)

End plate; for modular test plug module; 1.5 mm thick

gray **2002-641** 100 (25)

Test plug adapter; for 4 mm Ø test plug

gray **2009-174** 100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 50

Testing tap; for max. 2.5 mm²

gray **2009-182** 100 (25)

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

white **2009-115** 1

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

white **2009-110** 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain **793-5501** 5

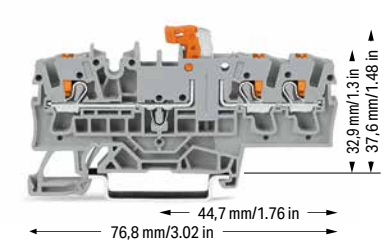
Double-deck marker carrier; pivoting

gray **2002-121** 50 (25)

Disconnect/Test Terminal Block; Through Terminal Block and Ground Conductor Terminal Block TOPJOB® S; with Push-Button; with Additional Jumper Slot

2.5 (4) mm²; 2202 Series

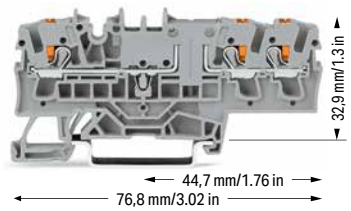
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor disconnect/test terminal block; with push-button; with test point; Orange disconnect link

Color	Item No.	Pack. Unit
gray	2202-1771	50
blue	2202-1774	50
orange	2202-1772	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor through terminal block; with push-button; with test point; Same profile as 3-conductor disconnect terminal block

Color	Item No.	Pack. Unit
gray	2202-1701	50
blue	2202-1704	50
orange	2202-1702	50

3-conductor ground terminal block; with push-button

green-yellow	2202-1707	50

Other terminal blocks with the same profile

Fuse	2202-1781	Page 12
Carrier	2202-1761	

❶ Conductor range: 0.25 … 2.5 mm² "s+f-st" and 0.25 … 4 mm² "s";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Testing accessories, from page 146
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

1-2 3-4 5-6	2002-406/020-000	25

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

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

L-type test plug module; snaps together

gray **2002-611** 100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks,

gray **2002-649** 100 (25)

End plate; for modular test plug module; 1.5 mm thick

gray **2002-641** 100 (25)

Test plug adapter; for 4 mm Ø test plug

gray **2009-174** 100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 50

Testing tap; for max. 2.5 mm²

gray **2009-182** 100 (25)

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

white **2009-115** 1

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

white **2009-110** 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

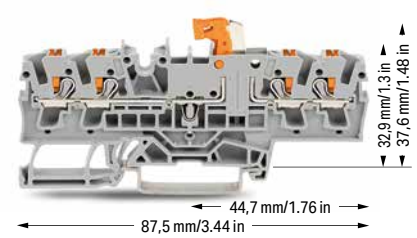
plain **793-5501** 5

Double-deck marker carrier; pivoting

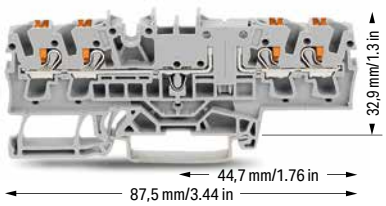
gray **2002-121** 50 (25)

Disconnect/Test Terminal Block and Through Terminal Block TOPJOB® S; with Push-Button
2.5 (4) mm²; 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 2.5 mm² "s+f-st" and 0.25 … 4 mm² "s";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Testing accessories, from page 146
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

4-conductor disconnect/test terminal block; with push-button; with test point; Orange disconnect link

Color	Item No.	Pack. Unit
gray	2202-1871	50
blue	2202-1874	50
orange	2202-1872	50

4-conductor through terminal block; with push-button; with test point; Same profile as 4-conductor disconnect terminal block

Color	Item No.	Pack. Unit
gray	2202-1801	50
blue	2202-1804	50
orange	2202-1802	50

Other terminal blocks with the same profile		
Fuse	2202-1881	Page 12
Carrier	2202-1861	

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

1-2 3-4 5-6	2002-406/020-000	25

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

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

L-type test plug module; snaps together

gray **2002-611** 100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks,

gray **2002-649** 100 (25)

End plate; for modular test plug module; 1.5 mm thick

gray **2002-641** 100 (25)

Test plug adapter; for 4 mm Ø test plug

gray **2009-174** 100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 50

Testing tap; for max. 2.5 mm²

gray **2009-182** 100 (25)

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

white **2009-115** 1

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

white **2009-110** 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

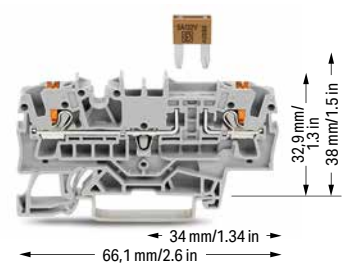
plain **793-5501** 5

Double-deck marker carrier; pivoting

gray **2002-121** 50 (25)

Fuse Terminal Block TOPJOB® S; with Push-Button; for Mini-Automotive Blade-Style Fuse
2.5 (4) mm²; 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point

Color	Item No.	Pack. Unit
gray	2202-1681	50

Blade-style fuses are not offered by WAGO.

Other terminal blocks with the same profile

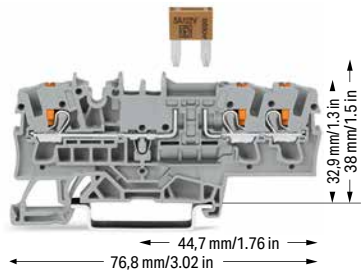
Through	2202-1601	Page 6

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point

Color	Item No.	Pack. Unit
gray	2202-1781	50

Blade-style fuses are not offered by WAGO.

Other terminal blocks with the same profile

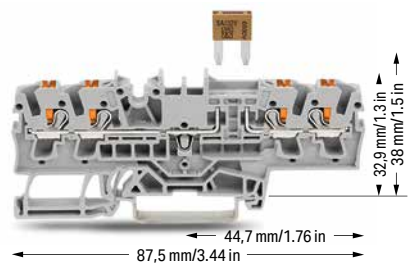
Through	2202-1701	Page 8

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point

Color	Item No.	Pack. Unit
gray	2202-1881	100

Blade-style fuses are not offered by WAGO.

Other terminal blocks with the same profile

Through	2202-1801	Page 10

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

1-2 3-4 5-6	2002-406/020-000	25

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

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

❶ Conductor range: 0.25 … 2.5 mm² “s+f-st” and 0.25 … 4 mm² “s”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Testing accessories, from page 146
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

L-type test plug module; snaps together

gray | **2002-611** | 100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks,

gray | **2002-649** | 100 (25)

Test plug adapter; for 4 mm Ø test plug

gray | **2009-174** | 100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 | 50

Testing tap; for max. 2.5 mm²

gray | **2009-182** | 100 (25)

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

white | **2009-115** | 1

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

white | **2009-110** | 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain | **793-5501** | 5

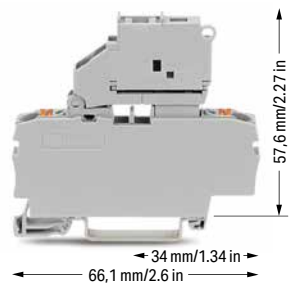
Double-deck marker carrier; pivoting

gray | **2002-121** | 50 (25)

Fused Disconnect Terminal Block with a Pivoting Fuse Holder TOPJOB® S; with Push-Button; for (5 x 20) mm Glass Cartridge Fuse

2.5 (4) mm²; 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6.3 A
I_N 6.3 A	250 V, 6.3 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

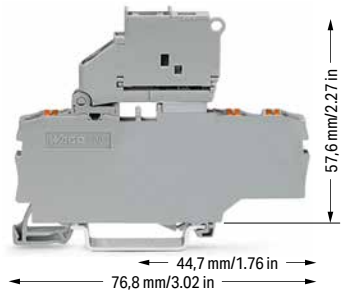
	Item No.	Pack. Unit
gray	2202-1611	50

2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2202-1611/1000-541	50
30 … 65 V	2202-1611/1000-542	50
230 V	2202-1611/1000-836	50
120 V	2202-1611/1000-867	50

Other terminal blocks with the same profile		
Through	2202-1601	Page 6

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6.3 A
I_N 6.3 A	250 V, 6.3 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

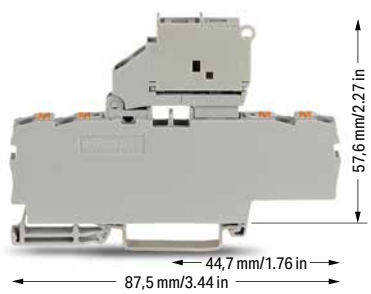
	Item No.	Pack. Unit
gray	2202-1711	50

3-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2202-1711/1000-541	50
30 … 65 V	2202-1711/1000-542	50
230 V	2202-1711/1000-836	50
120 V	2202-1711/1000-867	50

Other terminal blocks with the same profile		
Through	2202-1701	Page 8

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6.3 A
I_N 6.3 A	250 V, 6.3 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
gray	2202-1811	100

4-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2202-1811/1000-541	50
30 … 65 V	2202-1811/1000-542	50
230 V	2202-1811/1000-836	50
120 V	2202-1811/1000-867	50

Other terminal blocks with the same profile		
Through	2202-1801	Page 10

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate for fuse terminal blocks; 2 mm thick

orange	2002-992	100 (25)
gray	2002-991	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 32 A; light gray

2-way	2004-402	25
3-way	2004-403	25
4-way	2004-404	25
5-way	2004-405	25
6-way	2004-406	25
7-way	2004-407	25
8-way	2004-408	25
9-way	2004-409	25
10-way	2004-410	25

Push-in type jumper bar; insulated; I_N 32 A; light gray

1 to 3	2004-433	25
1 to 4	2004-434	25
1 to 5	2004-435	25
1 to 6	2004-436	25
1 to 7	2004-437	25
1 to 8	2004-438	25
1 to 9	2004-439	25
1 to 10	2004-440	25

❶ Conductor range: 0.25 … 2.5 mm² “s+f-st” and 0.25 … 4 mm² “s”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 156
Marking accessories, from page 588

A protective warning marker and an insulation stop must be applied individually. Due to the 6.2 mm width of double-deck terminal blocks with end plates, 2004 Series Push-In Type Jumper Bars must be used.

Approvals and corresponding ratings, visit www.wago.com

Miniature fuses 5 x 20

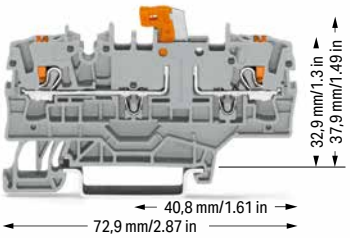
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2202-1611 2202-1711 2202-1811	1.6 W	1.6 W	2.5 W	2.5 W
2202-1611/….-…. 2202-1711/….-…. 2202-1811/….-….	1.6 W	1.6 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

Disconnect/Test Terminal Block; Through Terminal Block and Ground Conductor Terminal Block TOPJOB® S; with Push-Button; with Additional Jumper Slot

2.5 (4) mm²; 2202 Series

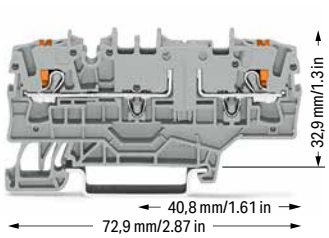
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with push-button; with test point; Orange disconnect link; with additional jumper slot

Color	Item No.	Pack. Unit
gray	2202-1971	50
blue	2202-1974	50
orange	2202-1972	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor through terminal block; with push-button; with test point; with additional jumper slot; same profile as 2-conductor disconnect terminal block

Color	Item No.	Pack. Unit
gray	2202-1901	50
blue	2202-1904	50
orange	2202-1902	50

2-conductor ground terminal block; with push-button

green-yellow	2202-1907	50

Other terminal blocks with the same profile

Fuse	2202-1981	Page 18
Carrier	2202-1961	

❶ Conductor range: 0.25 … 2.5 mm² "s+f-st" and 0.25 … 4 mm² "s";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Testing accessories, from page 146
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

1-2 3-4 5-6	2002-406/020-000	25

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

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

L-type test plug module; snaps together

gray | **2002-611** | 100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks,

gray | **2002-649** | 100 (25)

End plate; for modular test plug module; 1.5 mm thick

gray | **2002-641** | 100 (25)

Test plug adapter; for 4 mm Ø test plug

gray | **2009-174** | 100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 | 50

Testing tap; for max. 2.5 mm²

gray | **2009-182** | 100 (25)

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

white | **2009-115** | 1

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

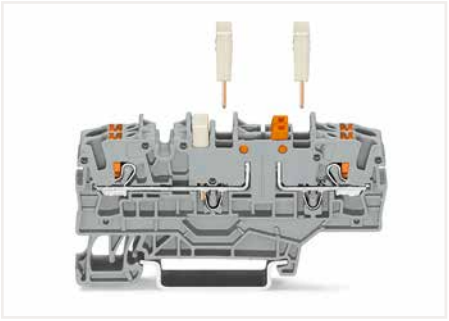
white | **2009-110** | 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain | **793-5501** | 5

Double-deck marker carrier; pivoting

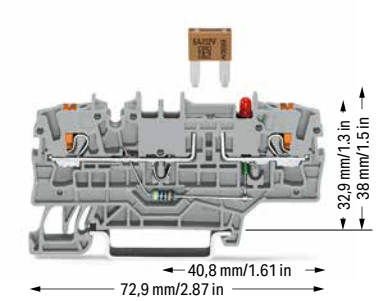
gray | **2002-121** | 50 (25)



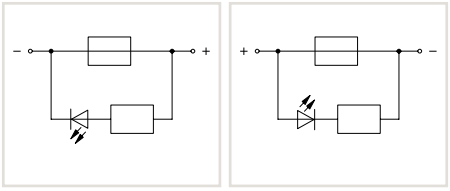
Three jumper slots available

Fuse Terminal Block TOPJOB® S; with Push-Button; for Mini-Automotive Blade-Style Fuse
2.5 (4) mm²; 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	12 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



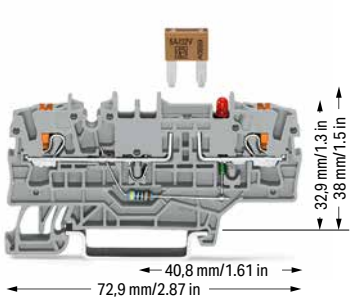
2202-1981/1000-429 2202-1981/1000-449



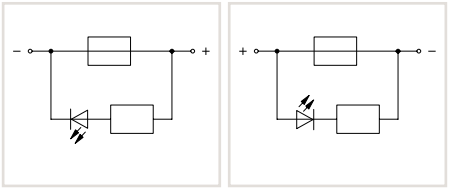
2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2202-1981/1000-429	50
gray	2202-1981/1000-449	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	24 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



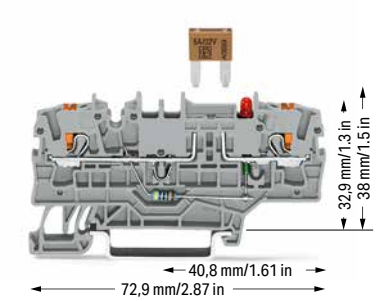
2202-1981/1000-413 2202-1981/1000-434



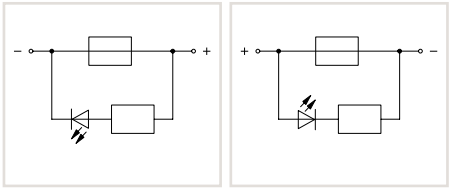
2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2202-1981/1000-413	50
gray	2202-1981/1000-434	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	48 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2202-1981/1000-414 2202-1981/1000-435



2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 48 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2202-1981/1000-414	50
gray	2202-1981/1000-435	50

Other terminal blocks with the same profile		
Through	2202-1901	Page 16

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

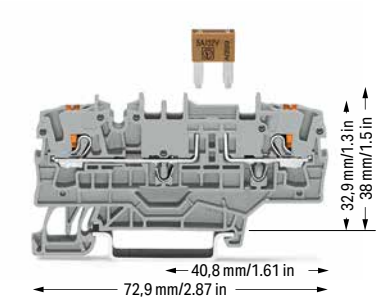
Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 2.5 mm² “s+f-st” and 0.25 … 4 mm² “s”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Observe touch-proof protection for 42 V and higher voltages!
10 A (individual arrangement)
5 A (block arrangement)

Blade-style fuses are not offered by WAGO.

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Testing accessories, from page 146
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; without blown fuse indication; with additional jumper slot
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2202-1981	50

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

white	2009-115	1

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

white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Double-deck marker carrier; pivoting

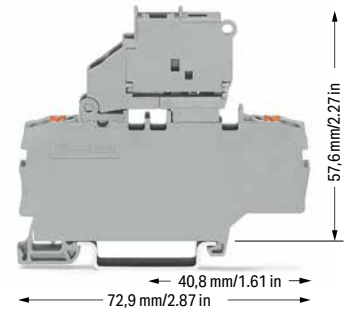
gray	2002-121	50 (25)

PUSH-IN CAGE CLAMP®

Fused Disconnect Terminal Block with a Pivoting Fuse Holder TOPJOB® S; with Push-Button; with Additional Jumper Slot; for (5 x 20) mm Glass Cartridge Fuse

2.5 (4) mm²; 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	600 V, 6,3 A
I_N 6.3 A	
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	

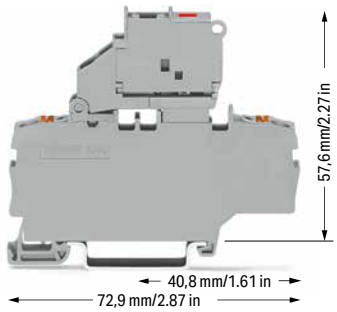


2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; with additional jumper slot; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

Color	Item No.	Pack. Unit
gray	2202-1911	50

Other terminal blocks with the same profile		
Through	2202-1901	Page 16

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	30 V, 6.3 A
I_N 6.3 A	
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; with additional jumper slot; for (5 x 20) mm glass cartridge fuse; with blown fuse indication; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

	Item No.	Pack. Unit
12 … 30 V	2202-1911/1000-541	50
30 … 65 V	2202-1911/1000-542	50
120 V	2202-1911/1000-867	50
230 V	2202-1911/1000-836	50

Other terminal blocks with the same profile		
Through	2202-1901	Page 16

❶ Conductor range: 0.25 … 2.5 mm² "s+f-st" and 0.25 … 4 mm² "s";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 156
Marking accessories, from page 588

A protective warning marker and an insulation stop must be applied individually. Due to the 6.2 mm width of double-deck terminal blocks with end plates, 2004 Series Push-In Type Jumper Bars must be used.

Approvals and corresponding ratings, visit www.wago.com

Miniature fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2202-1911	1.6 W	1.6 W	2.5 W	2.5 W
2202-1911/….-….	1.6 W	1.6 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate for fuse terminal blocks; 2 mm thick

orange	2002-992	100 (25)
gray	2002-991	100 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Push-in type jumper bar; insulated; I_N 32 A; light gray

2-way	2004-402	25
3-way	2004-403	25
4-way	2004-404	25
5-way	2004-405	25
6-way	2004-406	25
7-way	2004-407	25
8-way	2004-408	25
9-way	2004-409	25
10-way	2004-410	25

Push-in type jumper bar; insulated; I_N 32 A; light gray

1 to 3	2004-433	25
1 to 4	2004-434	25
1 to 5	2004-435	25
1 to 6	2004-436	25
1 to 7	2004-437	25
1 to 8	2004-438	25
1 to 9	2004-439	25
1 to 10	2004-440	25

PUSH-IN CAGE CLAMP®

TOPJOB® S Three-Phase Set; with a Lever and Push-in CAGE CLAMP®
16 (25 “f-st”) mm²; 2116 Series

Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG

800 V/8 kV/3 ❷

Terminal block width: 12 mm / 0.472 inch

18 … 20 mm / 0.71 … 0.79 inch

Three-phase set; with orange end plate; with a lever and Push-in CAGE CLAMP®
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

Color	Item No.	Pack. Unit
◯ gray	**2116-1201/605-038**	1

❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”; Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 155
Testing accessories, from page 149
Marking, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2116 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 76 A; light gray

2-way	**2016-402**	25
3-way	**2016-403**	25
4-way	**2016-404**	25
5-way	**2016-405**	25

Push-in type jumper bar; insulated; I_N 76 A; light gray

1 to 3	**2016-433**	25
1 to 4	**2016-434**	25
1 to 5	**2016-435**	25

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

1-3-5	**2016-405/011-000**	25

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

yellow	**2016-115**	100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow	**2016-100**	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	**2016-511**	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	**2009-174**	100 (25)

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

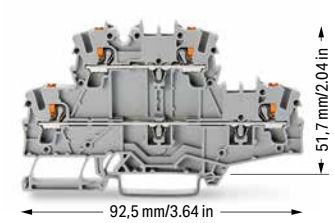
white	**2009-110**	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	**793-5501**	5

Double-Deck Terminal Block TOPJOB® S; with Push-Button; with Vertical Conductor Entry
2.5 (4) mm²; 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

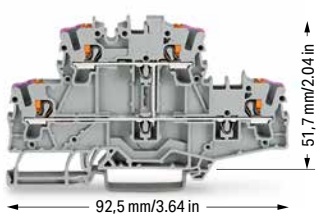


Double-deck terminal block; with push-button; Through/through terminal block; with vertical conductor entry; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2202-2701	50
N/L	2202-2702	50
L/N	2202-2703	50

Double-deck terminal block; with push-button; Through/through terminal block; with vertical conductor entry; without marker carrier; blue

	Item No.	Pack. Unit
N/N	2202-2704 ❸	50



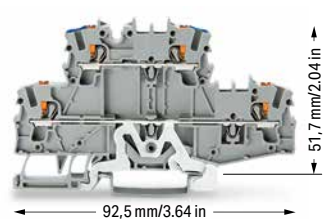
Double-deck terminal block; with push-button; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; Internally commoned; Violet conductor entry; gray

	Item No.	Pack. Unit
L	2202-2708	50

Double-deck terminal block; with push-button; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; Internally commoned; Violet conductor entry; blue

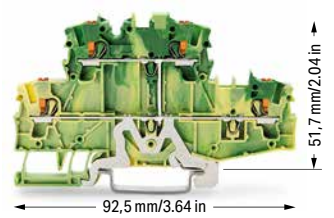
	Item No.	Pack. Unit
N	2202-2709 ❸	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck terminal block; with push-button; Ground conductor/through terminal block; with vertical conductor entry; without marker carrier; gray

	Item No.	Pack. Unit
GND/N	2202-2717	50
GND/L	2202-2727	50



Double-deck terminal block; with push-button; 4-conductor ground terminal block; with vertical conductor entry; without marker carrier; Internally commoned; green-yellow

	Item No.	Pack. Unit
GND	2202-2707	50

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

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

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 157
Testing accessories, from page 151
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	2002-2792	100 (25)
gray	2002-2791	100 (25)

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

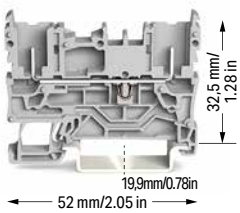
Double-deck vertical jumper; insulated; I_N 24 A

light gray	2002-492	100 (25)
orange	2002-492/000-012	100 (25)

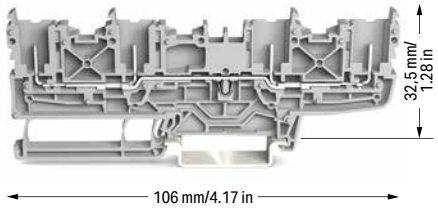
PUSH-IN CAGE CLAMP®

2-Pin Carrier Terminal Block and 4-Pin Carrier Terminal Block X-COM®S-SYSTEM
2.5 (4) mm²; 2022 Series

Technical Data
690 V/6 kV/3 ❶
I_N 24 A(32 A) ❷
Terminal block width: 5.2 mm / 0.205 inch



Technical Data
690 V/6 kV/3 ❶
I_N 24 A (27 A) ❷
Terminal block width: 5.2 mm / 0.205 inch



❶ 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❷ Current-carrying capacity curves upon request

Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 152
Marking accessories, from page 588

Approvals and corresponding ratings, visit www.wago.com

2-pin carrier terminal block

Color	Item No.	Pack. Unit
gray	2022-1601	50
blue	2022-1604	50
orange	2022-1602	50

2-pin ground carrier terminal block

Color	Item No.	Pack. Unit
green-yellow	2022-1607	50

Item-Specific Accessories

End plate; 1 mm thick

orange	2022-1692	100 (25)
gray	2022-1691	100 (25)

Accessories; 2022 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 25 A; light gray

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

1-2 3-4 5-6	2002-406/020-000	25

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

1-3-5	2002-405/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

5-way	2002-415	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

1-conductor female plug

gray	2022-101	200

Accessories; 2022 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

white	2009-115	1

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

white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

WMB marker card; plain; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

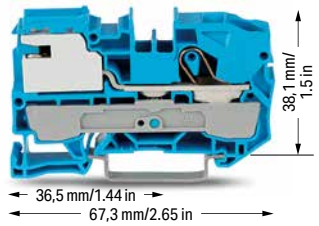
gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)

N-Disconnect Terminal Block and Power Distribution Disconnect Terminal Block TOPJOB® S
10 (16) mm²; 2010 Series

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
250 V/4 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



1-conductor N-disconnect terminal block

Color	Item No.	Pack. Unit
blue	2010-7114	25

1-conductor power distribution disconnect terminal block

Color	Item No.	Pack. Unit
gray	2010-7111	25

Appropriate through and ground conductor terminal blocks, see Full Line Catalog, Volume 1, page 57

Accessories; for N-Conductor and Power Distribution Disconnect Terminal Blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange | 2010-7192 | 100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange | 2006-7300 | 100 (25)

Busbar carrier; not suitable as an end stop; snaps onto DIN-35 rail; 1.5 mm thick

blue | 2009-304 | 100 (25)

Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 7.5 mm thick

blue | 2009-305 | 25

Busbar; tin-plated; 1000 mm long; copper (10 x 3) mm

I_N 140 A | 210-133 | 1

Busbar cover; 1000 mm long

transparent | 777-303 | 1

❶ Conductor range: 0.5 … 16 mm² "s+f-st"
Push-in termination: 4 … 16 mm² "s" and 4 … 10 mm² "insulated ferrules, 18 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

Approvals and corresponding ratings, visit www.wago.com

Accessories; for N-Conductor and Power Distribution Disconnect Terminal Blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Connector; for busbar; 2.5 … 35 mm²

unplated | 209-105 | 1

Connector; for busbar; with blue cover; 2.5 … 16 mm²

blue | 210-281 | 100 (50)

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

red | 210-136 | 50

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

210-137 | 50

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

white | 2009-110 | 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

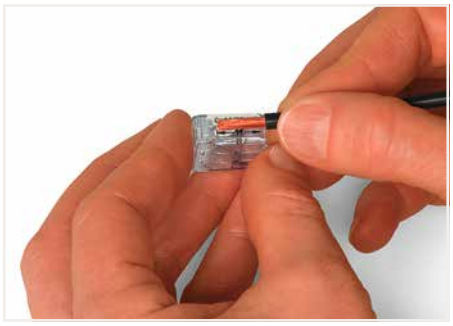
plain | 793-5501 | 5

N-Conductor Disconnect Terminal Blocks
For the construction and operation of power installations in fire-prone, hazardous locations or public buildings – such as conference centers, stores, hospitals, schools, theaters or hotels – the DIN VDE 0100-710 or DIN VDE 0100-718 standards shall be observed. DIN VDE 0100-482 shall also be observed for fire-prone, hazardous locations. These VDE regulations mandate that every neutral conductor must be provided with a disconnection device so, e.g., insulation testing is possible for every circuit without disconnecting the N-conductor.
WAGO's N-disconnect terminal blocks meet this requirement.

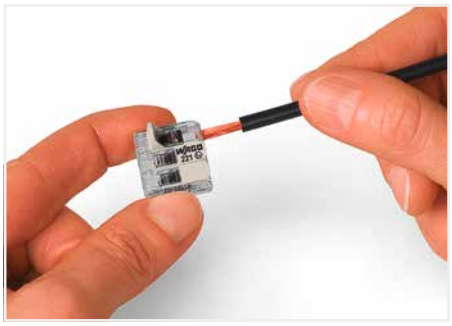
Power Distribution Disconnect Terminal Blocks
According to DIN VDE 0100-710, "Requirements for operating facilities, rooms and special installations – medical facilities," equipotential bonding conductors shall be run on a potential equalization busbar. The potential equalization busbar and the protective ground conductor busbar must be mounted in a common housing and be connected to each other using a disconnectable copper conductor of minimum 16 mm² (6 AWG). Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar and clearly arranged so they can be disconnected individually and accessed at any time. Depending on their function, they must be provided with captive marking.
WAGO's power distribution disconnect terminal blocks meet these requirements.

COMPACT Splicing Connectors for All Conductor Types and Mounting Carrier for Ex Splicing Connectors; for Ex eb Applications; 221 Series

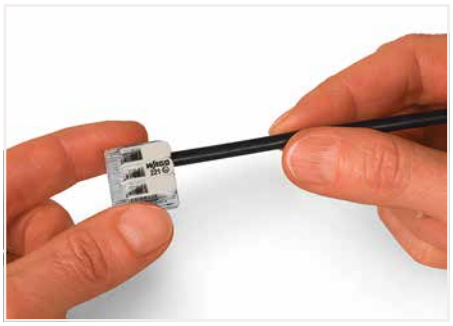
Description and Installation



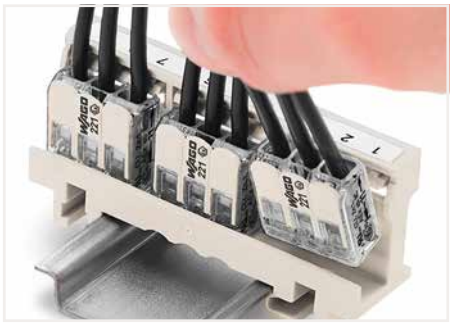
Strip conductor to 11 mm (0.43 inch).



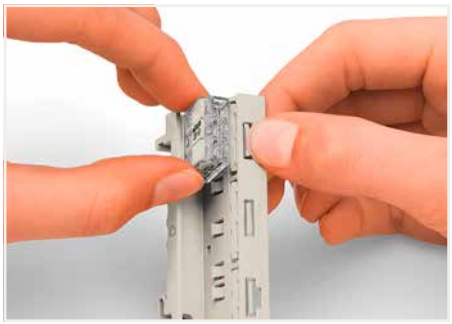
Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



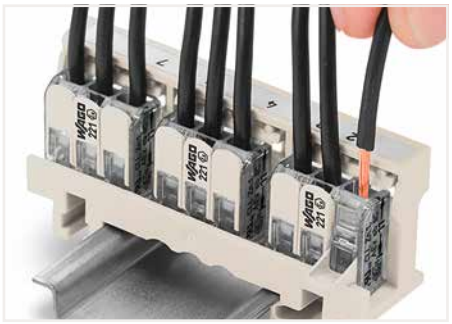
Then, lower the lever to close the clamp.



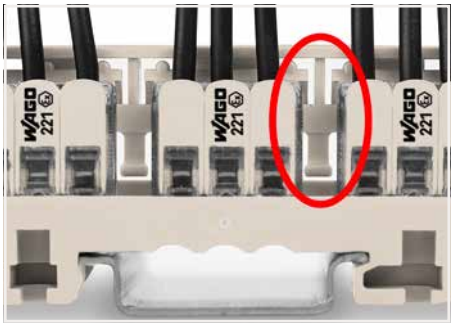
Inserting a connector into the mounting carrier.



Removing a connector from the mounting carrier.



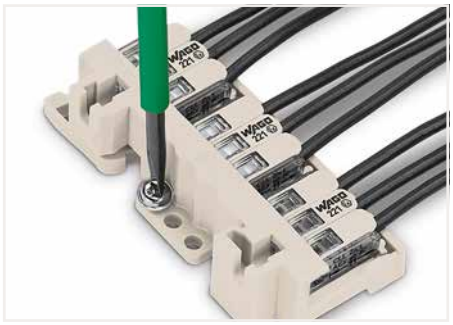
Removing a conductor.



Mounting type (440 V)
A spacer integrated in the adapter can be seen between two connectors.

Mounting type (440 V)
Vertical mounting on DIN-35 rail

Mounting type (275 V)
A spacer integrated in the adapter **cannot** be seen between two connectors; the connector housings are close together.

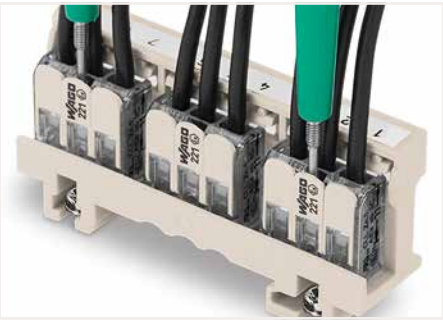


Mounting type (440 V)
Horizontal screw mounting on a flat surface

Mounting type (440 V)
Mounting the carrier via non-conductive screws.

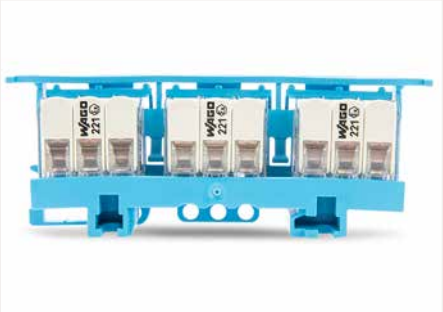
Mounting type (275 V)
Mounting the carrier using conductive screws.

CAGE CLAMP® terminates the following copper conductors:
solid
stranded
fine-stranded, also with tinned single strands
fine-stranded, tip-bonded



Easily test inserted connectors in the carrier – however they are mounted.

Wiring example in an Ex e junction box
Labeling is performed via marking strips (210-334) and pen or continuous labels (210-834), which is printed via Smart Printer (258-5000).



Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type “intrinsic safety Ex i” must be observed.

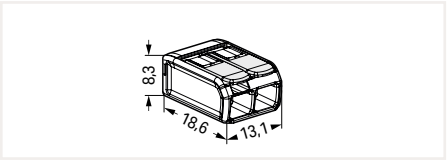
CAGE CLAMP®

COMPACT Splicing Connector for All Conductor Types and Mounting Carrier; for Ex eb Applications

4 mm²; 221 Series

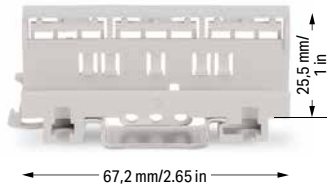
Technical Data	
IEC / EN 60079-7	UL 60079-7
IECEx Ex eb IIC Gb	Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.2 … 4 mm² "s+str"	24 … 12 AWG "s+st"
0.14 … 4 mm² "f-st"	24 … 12 AWG "f-st"
440 V (275 V) ❶	440 V (275 V), 20 A ❶
I_N 24.5 A	
Operating temperature: –55 … +105 °C	
11 mm / 0.43 inch	

Dimensions in mm



COMPACT splicing connector for all conductor types; for Ex eb applications; max. 4 mm²; 2-wire connector; with levers; transparent housing; light gray lever; operating temperature (max.): 105 °C

	Item No.	Pack. Unit
	221-482 ❷	1000 (100)



Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (4 mm²); 17.5 mm wide

Color	Item No.	Pack. Unit
light gray	221-501	50 (10)
blue	221-500/000-006 ❸	50 (10)

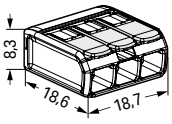
Item-Specific Accessories

Self-adhesive marking strip; 5 mm high; 48 self-adhesive strips per card; plain

white	210-334	100

Technical Data	
IEC / EN 60079-7	UL 60079-7
IECEx Ex eb IIC Gb	Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.2 … 4 mm² "s+str"	24 … 12 AWG "s+st"
0.14 … 4 mm² "f-st"	24 … 12 AWG "f-st"
440 V (275 V) ❶	440 V (275 V), 20 A ❶
I_N 32 A	
Operating temperature: –55 … +105 °C	
11 mm / 0.43 inch	

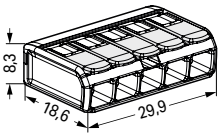
Dimensions in mm



COMPACT splicing connector for all conductor types; for Ex eb applications; max. 4 mm²; 3-wire connector; with levers; transparent housing; light gray lever; operating temperature (max.): 105 °C

	Item No.	Pack. Unit
	221-483 ❷	500 (50)

Dimensions in mm



COMPACT splicing connector for all conductor types; for Ex eb applications; max. 4 mm²; 5-wire connector; with levers; transparent housing; light gray lever; operating temperature (max.): 105 °C

	Item No.	Pack. Unit
	221-485 ❷	250 (25)

❶ The permissible operating voltage of the connector with carrier (440 V or 275 V) depends on the mounting type.
The mounting types for both 440 V and 275 V are shown on the "Description and Installation" page. If a mounting type for 275 V is used, this is the permissible working voltage.

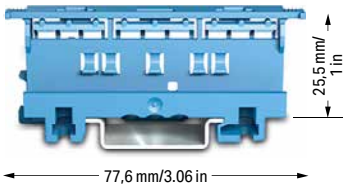
❷ Only approved in conjunction with a mounting carrier (221-501). Other carriers are possible, see certificate (UL).
The connectors must be installed in an enclosure meeting the requirements of a recognized protection type per EN 60079-0, Section 1 or EN 60079-31.
When installing the connectors in an enclosure of protection type "eb" (increased safety) per EN 60079-7, the clearances and creepage distances of Table 2 for this standard must be observed (for the use of accessories see point 1).
The connectors can be used both in Group II and Group I, as the standard requirements are identical in this case.
The use of these components requires a new assessment by a notified certification agency.

❸ Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

Approvals and corresponding ratings, visit www.wago.com

Your benefits at a glance:

- New design possibilities for the manufacturers of junction boxes, luminaires and electronic devices for Ex eb areas
- Approval also possible with custom mounting solutions
- Easy to use: Pull the lever up, insert a conductor and push the lever back down – done.
- Easy-to-use design adds value for installers
- Time- and cost-saving spring pressure connection technology
- Vibration-proof and maintenance-free connection
- 100% touch-proof protection
- Connectors can be secured in position via mounting carriers according to standards



Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

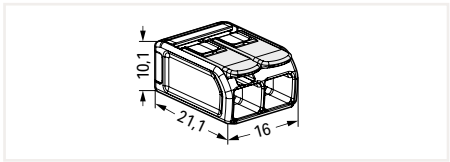
CAGE CLAMP®

COMPACT Splicing Connector for All Conductor Types and Mounting Carrier; for Ex eb Applications

6 mm²; 221 Series

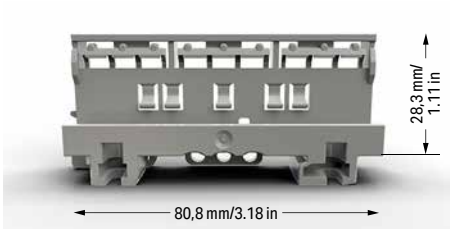
Technical Data	
IEC / EN 60079-7	UL 60079-7
IECEx Ex eb IIC Gb	Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.5 … 6 mm²	20 … 10 AWG
440 V (275 V) ❶	440 V (275 V), 20 A ❶
I_N 37 A	
Operating temperature: –55 … +105 °C	
12 … 14 mm / 0.47 … 0.55 inch	

Dimensions in mm



COMPACT splicing connectors for all conductor types; for Ex eb applications; max. 6 mm²; 2-wire connector; with levers; transparent housing; light gray lever; operating temperature (max.): 105 °C

	Item No.	Pack. Unit
	221-682 ❷	500 (50)



Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (6 mm²); 19.3 mm wide

Color	Item No.	Pack. Unit
light gray	221-511	50 (10)
blue	221-510/000-006 ❸	50 (10)

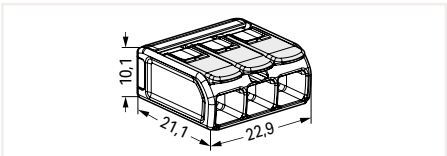
Item-Specific Accessories

Self-adhesive marking strip; 5 mm high; 48 self-adhesive strips per card; plain

white	210-334	100

Technical Data	
IEC / EN 60079-7	UL 60079-7
IECEx Ex eb IIC Gb	Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.5 … 6 mm²	20 … 10 AWG
440 V (275 V) ❶	440 V (275 V), 20 A ❶
I_N 37 A	
Operating temperature: –55 … +105 °C	
12 … 14 mm / 0.47 … 0.55 inch	

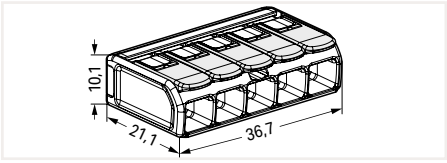
Dimensions in mm



COMPACT splicing connectors for all conductor types; for Ex eb applications; max. 6 mm²; 3-wire connector; with levers; transparent housing; light gray lever; operating temperature (max.): 105 °C

	Item No.	Pack. Unit
	221-683 ❷	300 (30)

Dimensions in mm



COMPACT splicing connectors for all conductor types; for Ex eb applications; max. 6 mm²; 5-wire connector; with levers; transparent housing; light gray lever; operating temperature (max.): 105 °C

	Item No.	Pack. Unit
	221-685 ❷	150 (15)

❶ The permissible operating voltage of the connector with carrier (440 V or 275 V) depends on the mounting type.
The mounting types for both 440 V and 275 V are shown on the "Description and Installation" page. If a mounting type for 275 V is used, this is the permissible working voltage.

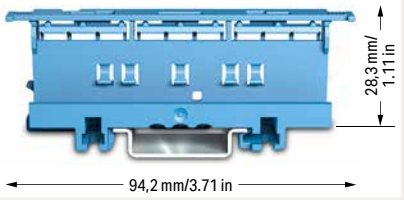
❷ Only approved in conjunction with a mounting carrier (221-511). Other carriers are possible, see certificate (UL).
The connectors must be installed in an enclosure meeting the requirements of a recognized protection type per EN 60079-0, Section 1 or EN 60079-31.
When installing the connectors in an enclosure of protection type "eb" (increased safety) per EN 60079-7, the clearances and creepage distances of Table 2 for this standard must be observed (for the use of accessories see point 1).
The connectors can be used both in Group II and Group I, as the standard requirements are identical in this case.
The use of these components requires a new assessment by a notified certification agency.

❸ Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

Approvals and corresponding ratings, visit www.wago.com

Your benefits at a glance:

- New design possibilities for the manufacturers of junction boxes, luminaires and electronic devices for Ex eb areas
- Approval also possible with custom mounting solutions
- Easy to use: Pull the lever up, insert a conductor and push the lever back down – done.
- Easy-to-use design adds value for installers
- Time- and cost-saving spring pressure connection technology
- Vibration-proof and maintenance-free connection
- 100% touch-proof protection
- Connectors can be secured in position via mounting carriers according to standards



Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

Electrical Interconnection Set and Rail-Mount Terminal Block Set
821 Series

Electrical interconnection set; L-BOXX® 102; 221 Series & TOPJOB® S with Lever		
	Item No.	Pack. Unit
	821-153	1

Rail-mount terminal block set; L-BOXX® 102; 20xx, 21xx, 22xx Series		
	Item No.	Pack. Unit
	821-154	1

Contents

Qty.	Item No.	Description
		COMPACT Splicing Connectors
100	221-412	COMPACT splicing connector; 2 wires; 0.14 … 4 mm²; with levers; transparent
50	221-413	COMPACT splicing connector; 3 wires; 0.14 … 4 mm²; with levers; transparent
25	221-415	COMPACT splicing connector; 5 wires; 0.14 … 4 mm²; with levers; transparent
50	221-612	COMPACT splicing connector; 2 wires; 0.5 … 6 mm²; with levers; transparent
30	221-613	COMPACT splicing connector; 3 wires; 0.5 … 6 mm²; with levers; transparent
15	221-615	COMPACT splicing connector; 5 wires; 0.5 … 6 mm²; with levers; transparent
		TOPJOB® S Rail-Mount Terminal Blocks
60	2102-1201	2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 0.25 … 2.5 (4) mm²; gray
12	2106-1201	2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 0.5 … 6 (10) mm²; gray
		Accessories
1	210-110	Felt-tip pen; smudge-proof
5	221-500	Mounting carrier; 221 Series – 4 mm²; for DIN-35 rail/screw mounting; orange
3	221-510	Mounting carrier; 221 Series – 6 mm²; for DIN-35 rail/screw mounting; orange
10	249-116	Screwless end stop; for DIN-35 rail; 6 mm wide; gray
2	793-5501	WMB marker card; plain
2	793-5566	WMB marker card; marking 1 … 50
25	2002-400	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current: 25 A; light gray
25	2006-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 41 A; light gray
1	2009-310	Operating tool; 3.5 x 0.5 mm and 5.5 x 0.8 mm blades
15	2102-1292	End and intermediate plate; for 2-conductor terminal blocks; orange
5	2106-1292	End and intermediate plate; for 2-conductor terminal blocks; orange

Contents

Qty.	Item No.	Description
		TOPJOB® S Rail-Mount Terminal Blocks
10	2002-1301	3-conductor through terminal block; with Push-in CAGE CLAMP®; 0.25 … 2.5 (4) mm²; gray
8	2004-1201	2-conductor through terminal block; with Push-in CAGE CLAMP®; 0.5 … 4 (6) mm²; gray
20	2102-1201	2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 0.25 … 2.5 (4) mm²; gray
6	2102-5301	3-conductor through terminal block; with lever and push-button; 0.25 … 2.5 (4) mm²; gray
2	2102-5304	3-conductor through terminal block; with lever and push-button; 0.25 … 2.5 (4) mm²; blue
2	2102-5307	3-conductor ground terminal block; with lever and push-button; 0.25 … 2.5 (4) mm²; green-yellow
6	2106-5301	3-conductor through terminal block; with lever and push-button; 0.5 … 6 (10) mm²; gray
2	2106-5304	3-conductor through terminal block; with lever and push-button; 0.5 … 6 (10) mm²; blue
2	2106-5307	3-conductor ground terminal block; with lever and push-button; 0.5 … 6 (10) mm²; green-yellow
6	2116-5301	3-conductor through terminal block; with lever and push-button; 0.5 … 16 (25) mm²; gray
2	2116-5304	3-conductor through terminal block; with lever and push-button; 0.5 … 16 (25) mm²; blue
2	2116-5307	3-conductor ground terminal block; with lever and push-button; 0.5 … 16 (25) mm²; green-yellow
25	2200-1401	4-conductor through terminal block; with push-button; 0.14 … 1 (1.5) mm²; gray
10	2202-1301	3-conductor through terminal block; with push-button; 0.25 … 2.5 (4) mm²; gray
8	2204-1201	2-conductor through terminal block; with push-button; 0.5 … 4 (6) mm²; gray
6	2210-1201	2-conductor through terminal block; with push-button; 0.5 … 10 (16) mm²; gray
2	2210-1204	2-conductor through terminal block; with push-button; 0.5 … 10 (16) mm²; blue
2	2210-1207	2-conductor ground terminal block; with push-button; 0.5 … 10 (16) mm²; green-yellow

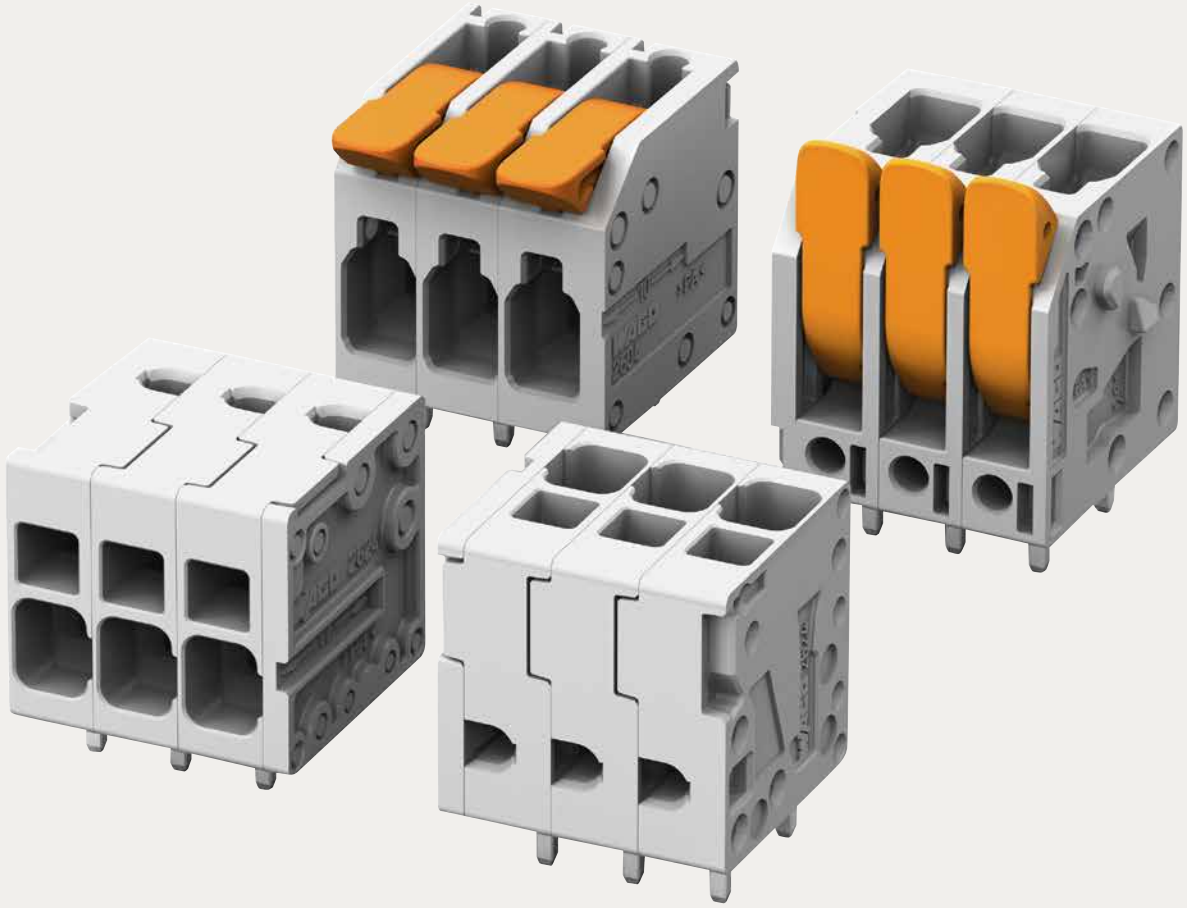
Contents 821-154 (continued)

Qty.	Item No.	Description
		Accessories
10	249-116	Screwless end stop; for DIN-35 rail; 6 mm wide; gray
25	2000-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 14 A; light gray
10	2000-1491	End and intermediate plate; for 4-conductor terminal blocks; gray
25	2002-400	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current: 25 A; light gray
25	2002-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 25 A; light gray
10	2002-1391	End and intermediate plate; for 3-conductor terminal blocks; gray
10	2004-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 32 A; light gray
10	2004-1291	End and intermediate plate; for 2-conductor terminal blocks; gray
10	2006-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 41 A; light gray
5	2010-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 57 A; light gray
5	2010-1291	End and intermediate plate; for 2-conductor terminal blocks; gray
10	2016-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 76 A; light gray
10	2102-1291	End and intermediate plate; for 2-conductor terminal blocks; gray
5	2102-1391	End and intermediate plate; for 3-conductor terminal blocks; gray
5	2106-1391	End and intermediate plate; for 3-conductor terminal blocks; gray
5	2116-1391	End and intermediate plate; for 3-conductor terminal blocks; gray

Rail-mount terminal block set; L-BOXX® 102; 2002, 2006, 2016 Series		
	Item No.	Pack. Unit
	821-155	1

Contents

Qty.	Item No.	Description
		TOPJOB® S Rail-Mount Terminal Blocks
75	2002-1201	2-conductor through terminal block; 0.25 … 2.5 (4) mm²; gray
25	2002-1204	2-conductor through terminal block; 0.25 … 2.5 (4) mm²; blue
25	2002-1207	2-conductor ground terminal block; 0.25 … 2.5 (4) mm²; green-yellow
9	2006-1201	2-conductor through terminal block; 0.5 … 6 (10) mm²; gray
3	2006-1204	2-conductor through terminal block; 0.5 … 6 (10) mm²; blue
3	2006-1207	2-conductor ground terminal block; 0.5 … 6 (10) mm²; green-yellow
12	2016-1201	2-conductor through terminal block; 0.5 … 16 (25) mm²; gray
6	2016-1204	2-conductor through terminal block; 0.5 … 16 (25) mm²; blue
6	2016-1207	2-conductor ground terminal block; 0.5 … 16 (25) mm²; green-yellow
		Accessories
1	210-110	Felt-tip pen; smudge-proof
1	210-722	Operating tool set; with a partially insulated shaft
5	249-119	Height-adjustable group marker carrier
10	249-117	Screwless end stop; for DIN-35 rail; 10 mm wide; gray
2	793-5501	WMB marker card; plain
2	793-5566	WMB marker card; marking 1 … 50
1	793-5472	WMB marker card; Marking L1, L2, L3, N, PE
25	2002-400	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current: 25 A; light gray
25	2002-1292	End and intermediate plate; for 2-conductor terminal blocks; orange
25	2006-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 41 A; light gray
10	2006-1292	End and intermediate plate; for 2-conductor terminal blocks; orange
1	2009-110	Marking strip; white; 1 m long
5	2009-182	Testing tap; for max. 2.5 mm²
1	2009-310	Operating tool; 3.5 x 0.5 mm and 5.5 x 0.8 mm blades
25	2016-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 76 A; light gray
10	2016-1292	End and intermediate plate; for 2-conductor terminal blocks; orange



WAGO PCB Terminal Blocks and WAGO Connectors

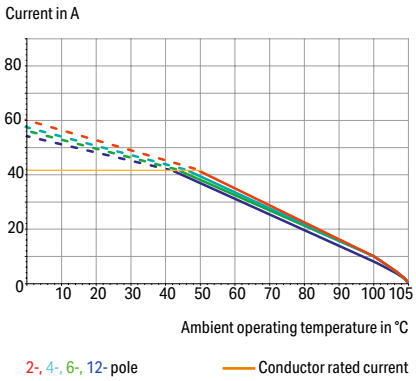
Volume 2, WAGO PCB Terminal Blocks and WAGO Connectors

PCB Terminal Block ▸ 2606 Series

Push-in CAGE CLAMP® ▸ Actuation type: Lever ▸ 6 mm² ▸ Terminal strip ▸ Pin spacing: 12.5 mm (0.492 inch) ▸ Color: gray

- PCB terminal strips with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Current-Carrying Capacity Curve
Pin spacing: 7.5 mm / Conductor cross-section: 6 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	12.5 mm (0.492 inch)		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	800 V	1000 V	1000 V
Rated impulse voltage	8 kV	8 kV	8 kV
Rated current	41 A	41 A	41 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	11 … 13 mm / 0.43 … 0.51 inch
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 … 6 mm²
Fine-stranded conductor with ferrule without plastic collar	0.25 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 2.5 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip, in line
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1.2 mm
Drilled hole diameter (tolerance)	$2^{(+0.1)}$ mm

Environmental Requirements	
Limit temperature range	-60 … +105 °C

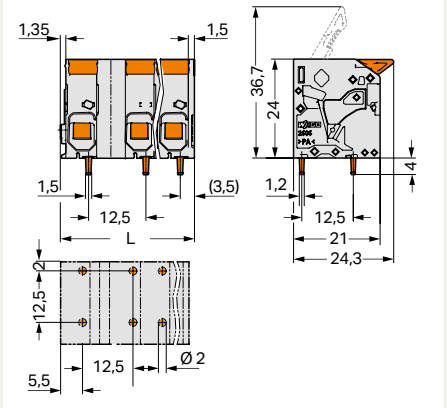
UL/CSA approval pending

PCB Terminal Block ▸ 2606 Series

Push-in CAGE CLAMP® ▸ Actuation type: Lever ▸ 6 mm² ▸ Terminal strip ▸ Pin spacing: 12.5 mm (0.492 inch) ▸ Color: gray

Conductor entry angle to the PCB: 0°

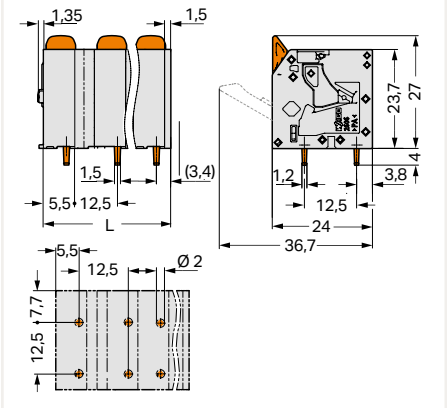
Pole No.	Item No.	PU
2	2606-1352	
3	2606-1353	
4	2606-1354	
5	2606-1355	
6	2606-1356	
7	2606-1357	
8	2606-1358	
9	2606-1359	
10	2606-1360	
11	2606-1361	
12	2606-1362	



L = (pole no. - 1) x pin spacing + 9 mm

Conductor entry angle to the PCB: 90°

Pole No.	Item No.	PU
2	2606-3352	
3	2606-3353	
4	2606-3354	
5	2606-3355	
6	2606-3356	
7	2606-3357	
8	2606-3358	
9	2606-3359	
10	2606-3360	
11	2606-3361	
12	2606-3362	



L = (pole no. - 1) x pin spacing + 9 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

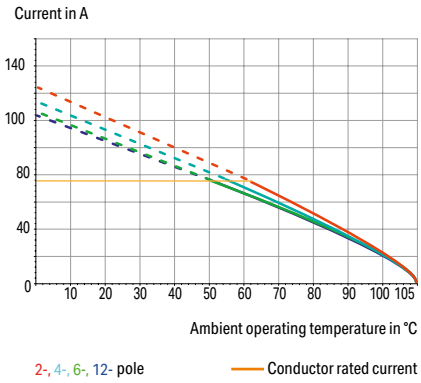
- Other pole numbers
- Direct marking
- Other colors

PCB Terminal Block ▸ 2616 Series

Push-in CAGE CLAMP® ▸ Actuation type: Lever ▸ 16 mm² ▸ Terminal strip ▸ Pin spacing: 15 mm (0.591 inch) ▸ Color: gray

- PCB terminal strips with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Current-Carrying Capacity Curve
Pin spacing: 10 mm / Conductor cross-section: 16 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	**15 mm (0.591 inch)**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	800 V	1000 V	1000 V
Rated impulse voltage	8 kV	8 kV	8 kV
Rated current	76 A	76 A	76 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with ferrule with plastic collar	0.75 … 16 mm²
Fine-stranded conductor with ferrule without plastic collar	0.75 … 16 mm²
Fine-stranded conductor, with twin ferrule	0.75 … 6 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip, in line
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1.2 mm
Drilled hole diameter (tolerance)	$2^{(+0.1)}$ mm

Environmental Requirements	
Limit temperature range	-60 … +105 °C

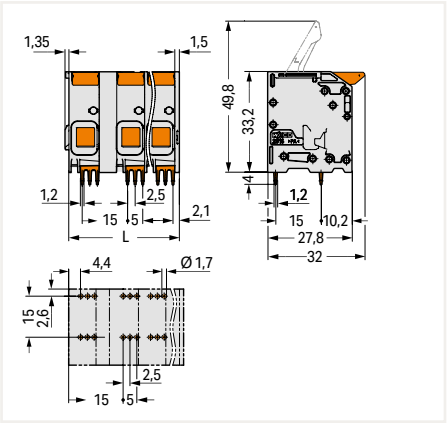
UL/CSA approval pending

PCB Terminal Block ▸ 2616 Series

Push-in CAGE CLAMP® ▸ Actuation type: Lever ▸ 16 mm² ▸ Terminal strip ▸ Pin spacing: 15 mm (0.591 inch) ▸ Color: gray

Conductor entry angle to the PCB: 0°

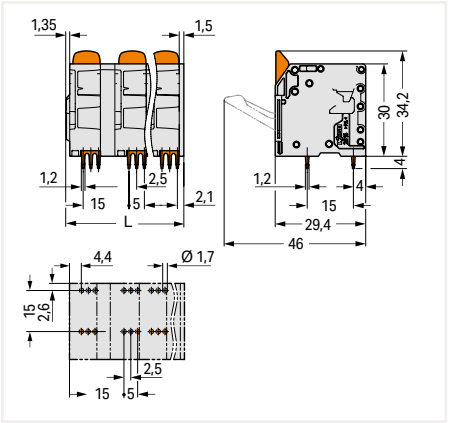
Pole No.	Item No.	PU
2	2616-1352	
3	2616-1353	
4	2616-1354	
5	2616-1355	
6	2616-1356	
7	2616-1357	
8	2616-1358	



L = (pole no. - 1) x pin spacing + 11.5 mm

Conductor entry angle to the PCB: 90°

Pole No.	Item No.	PU
2	2616-3352	
3	2616-3353	
4	2616-3354	
5	2616-3355	
6	2616-3356	
7	2616-3357	
8	2616-3358	



L = (pole no. - 1) x pin spacing + 11.5 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

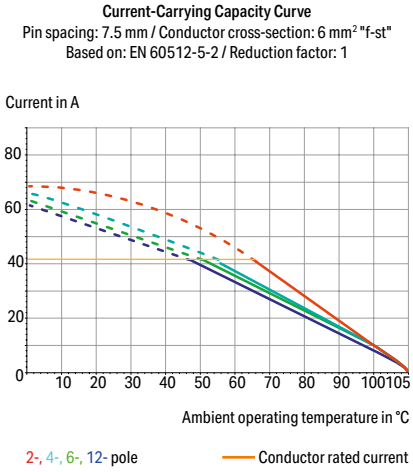
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers
- Direct marking
- Other colors

PCB Terminal Block ▸ 2626 Series

Push-in CAGE CLAMP® ▸ Actuation type: Operating tool ▸ 6 mm² ▸ Terminal strip ▸ Pin spacing: 12.5 mm (0.492 inch) ▸ Color: gray

- PCB terminal strips with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry



Electrical Data			
Pin spacing	**12.5 mm (0.492 inch)**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	800 V	1000 V	1000 V
Rated impulse voltage	8 kV	8 kV	8 kV
Rated current	41 A	41 A	41 A
Approvals per		UL 1059	
Use Group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	38 A	38 A	-

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	13 … 15 mm / 0.51 … 0.59 inch
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 … 6 mm²
Fine-stranded conductor with ferrule without plastic collar	0.25 … 6 mm²
Fine-stranded conductor, with twin ferrule	0.25 … 2.5 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip, in line
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1 mm
Drilled hole diameter (tolerance)	$2^{(+0.1)}$ mm

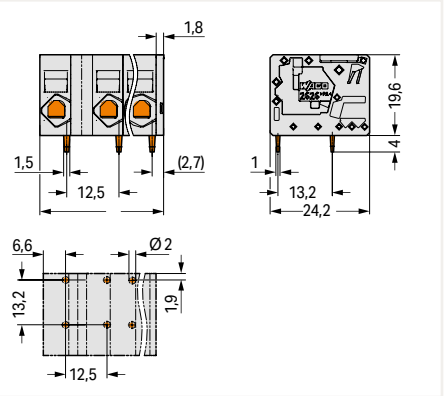
Environmental Requirements	
Limit temperature range	-60 … +105 °C

PCB Terminal Block ▸ 2626 Series

Push-in CAGE CLAMP® ▸ Actuation type: Operating tool ▸ 6 mm² ▸ Terminal strip ▸ Pin spacing: 12.5 mm (0.492 inch) ▸ Color: gray

Conductor entry angle to the PCB: 0°

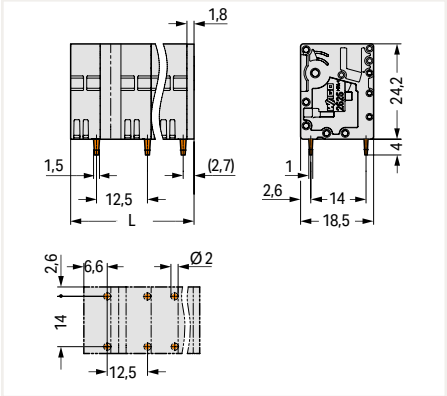
Pole No.	Item No.	PU
2	2626-1352	
3	2626-1353	
4	2626-1354	
5	2626-1355	
6	2626-1356	
7	2626-1357	
8	2626-1358	
9	2626-1359	
10	2626-1360	
11	2626-1361	
12	2626-1362	



L = (pole no. - 1) x pin spacing + 9.3 mm

Conductor entry angle to the PCB: 90°

Pole No.	Item No.	PU
2	2626-3352	
3	2626-3353	
4	2626-3354	
5	2626-3355	
6	2626-3356	
7	2626-3357	
8	2626-3358	
9	2626-3359	
10	2626-3360	
11	2626-3361	
12	2626-3362	



L = (pole no. - 1) x pin spacing + 9.3 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

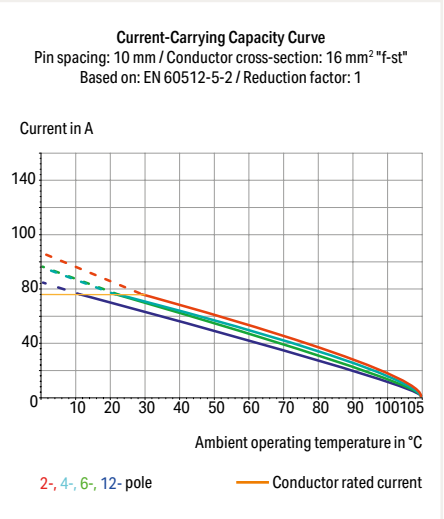
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers
- Direct marking
- Other colors

PCB Terminal Block ▸ 2636 Series

Push-in CAGE CLAMP® ▸ Actuation type: Operating tool ▸ 16 mm² ▸ Terminal strip ▸ Pin spacing: 15 mm (0.591 inch) ▸ Color: gray

- PCB terminal strips with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry



Electrical Data			
Pin spacing	**10 mm (0.394 inch)**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	1000 V	1000 V	1000 V
Rated impulse voltage	8 kV	8 kV	8 kV
Rated current	76 A	76 A	76 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with ferrule with plastic collar	0.75 … 16 mm²
Fine-stranded conductor with ferrule without plastic collar	0.75 … 16 mm²
Fine-stranded conductor, with twin ferrule	0.75 … 6 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip, in line
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1 mm
Drilled hole diameter (tolerance)	$1.7^{(+0.1)}$ mm

Environmental Requirements	
Limit temperature range	-60 … +105 °C

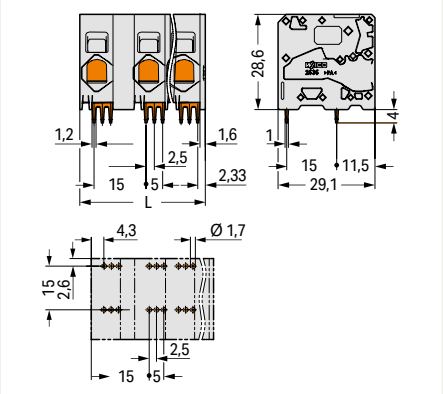
UL/CSA approval pending

PCB Terminal Block ▸ 2636 Series

Push-in CAGE CLAMP® ▸ Actuation type: Operating tool ▸ 16 mm² ▸ Terminal strip ▸ Pin spacing: 15 mm (0.591 inch) ▸ Color: gray

Conductor entry angle to the PCB: 0°

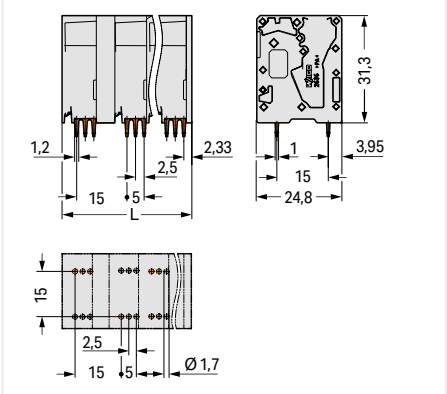
Pole No.	Item No.	PU
2	2636-1352	
3	2636-1353	
4	2636-1354	
5	2636-1355	
6	2636-1356	
7	2636-1357	
8	2636-1358	



L = (pole no. - 1) x pin spacing + 11.6 mm

Conductor entry angle to the PCB: 90°

Pole No.	Item No.	PU
2	2636-3352	
3	2636-3353	
4	2636-3354	
5	2636-3355	
6	2636-3356	
7	2636-3357	
8	2636-3358	



L = (pole no. - 1) x pin spacing + 11.6 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers
- Direct marking
- Other colors

Board-to-Board Link for SMD PCB Terminal Blocks ▶ 2065 Series

- Board-to-board links simplify LED module assembly
- Space-saving connection of PCBs

Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	250 V	320 V	630 V	
Rated surge voltage	4 kV	4 kV	4 kV	
Rated Current	9 A	9 A	9 A	

Material Data	
Contact material	Copper alloy
Contact Plating	Silver-plated

Environmental Requirements	
Limit temperature range	-60 … +120 °C

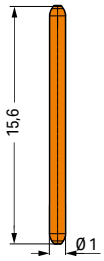
The layout must meet the requirements of the insulation coordination standard EN/IEC 60664-1 and applicable end product standards.

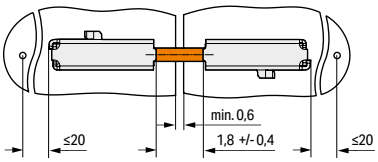
NOTE: Terminal block without insulation housing! Protection against accidental contact must be provided at voltages higher than low voltages(e.g., SELV/PELV) for the relevant application.

Board-to-Board Link for SMD PCB Terminal Blocks ▸ 2065 Series

Pin length: 15.6 mm

	Item No.	PU
	2065-131	1500

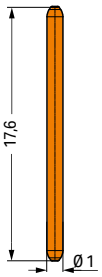


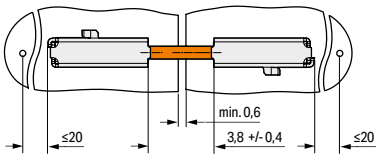


Inserting board-to-board links into the terminal blocks.

Pin length: 17.6 mm

	Item No.	PU
	2065-133	1500





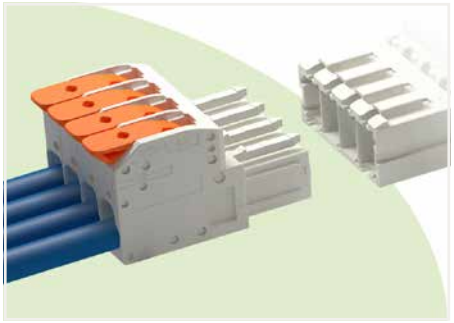
Assembly: Place PCBs on a flat surface and connect terminal blocks on adjoining PCBs via board-toboard link.
Disassembly: Support disconnection by opening the terminals with operating tool (max. 5 mating cycles).

The PCBs must be secured.

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

1-Conductor Female Connector ▸ *MCS* MAXI 6 ▸ 831 Series

Pin spacing: 7.62 mm (0.3 inch) ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Color: light gray



- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in terminations of solid and ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100 % protected against mismating
- Coding via coding fingers

Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	800 V	1000 V	1000 V	
Rated impulse voltage	8 kV	8 kV	8 kV	
Rated current	41 A	41 A	41 A	

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	13 … 15 mm / 0.51 … 0.59 inch
Solid conductor	0.5 … 10 mm² / 20 … 8 AWG
Fine-stranded conductor	0.5 … 10 mm² / 20 … 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 … 6 mm²
Fine-stranded conductor with ferrule without plastic collar	0.5 … 6 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

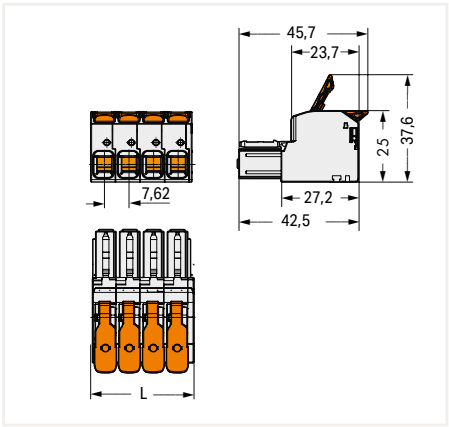
Environmental Requirements	
Limit temperature range	-60 … +105 °C

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

1-Conductor Female Connector ▸ *MCS* MAXI 6 ▸ 831 Series

Pin spacing: 7.62 mm (0.3 inch) ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Color: light gray

Pole No.	Item No.	PU
2	831-1102	48
3	831-1103	48
4	831-1104	24
5	831-1105	24
6	831-1106	24
7	831-1107	12
8	831-1108	12
9	831-1109	12



L = (pole no. – 1) x pin spacing + 9.5 mm

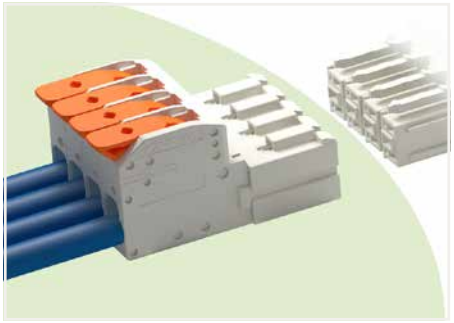
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other colors

1-Conductor Male Connector ▸ *MCS* MAXI 6 ▸ 831 Series

Pin spacing: 7.62 mm (0.3 inch) ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Color: light gray



- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in terminations of solid and ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100 % protected against mismating
- Coding via coding fingers

Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	800 V	1000 V	1000 V	
Rated impulse voltage	8 kV	8 kV	8 kV	
Rated current	41 A	41 A	41 A	

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	13 … 15 mm / 0.51 … 0.59 inch
Solid conductor	0.5 … 10 mm² / 20 … 8 AWG
Fine-stranded conductor	0.5 … 10 mm² / 20 … 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 … 6 mm²
Fine-stranded conductor with ferrule without plastic collar	0.5 … 6 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

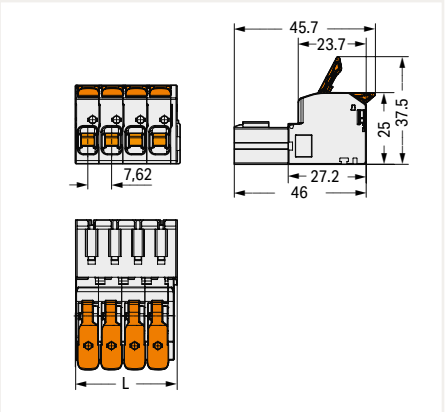
Environmental Requirements	
Limit temperature range	-60 … +105 °C

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

1-Conductor Male Connector ▸ *MCS* MAXI 6 ▸ 831 Series

Pin spacing: 7.62 mm (0.3 inch) ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Color: light gray

Pole No.	Item No.	PU
2	831-1202	48
3	831-1203	24
4	831-1204	24
5	831-1205	24
6	831-1206	24
7	831-1207	12
8	831-1208	12
9	831-1209	12



L = (pole no. – 1) x pin spacing + 9.5 mm

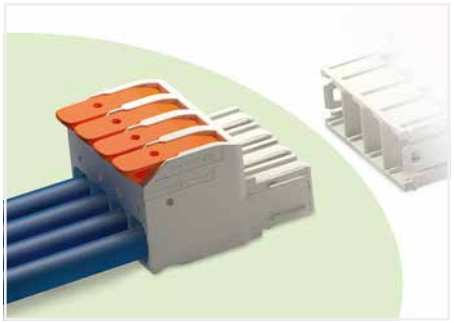
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other colors

1-Conductor Female Connector ▸ *MCS* MAXI 16 ▸ 832 Series

Pin spacing: 10.16 mm (0.4 inch) ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Locking of plug-in connection: central locking lever ▸ Color: light gray



- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in terminations of solid and ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100 % protected against mismating
- Coding via coding fingers

Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	800 V	1000 V	1000 V	
Rated impulse voltage	8 kV	8 kV	8 kV	
Rated current	76 A	76 A	76 A	
Approvals per	UL 1059			
Use Group	B	C	D	
Rated voltage	600 V	600 V	-	
Rated current	66 A	66 A	-	
Approvals per	CSA			
Use Group	B	C	D	
Rated voltage	600 V	600 V	-	
Rated current	66 A	66 A	-	

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inch
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor with ferrule with plastic collar	0.75 … 16 mm²
Fine-stranded conductor with ferrule without plastic collar	0.75 … 16 mm²

Material Data	
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

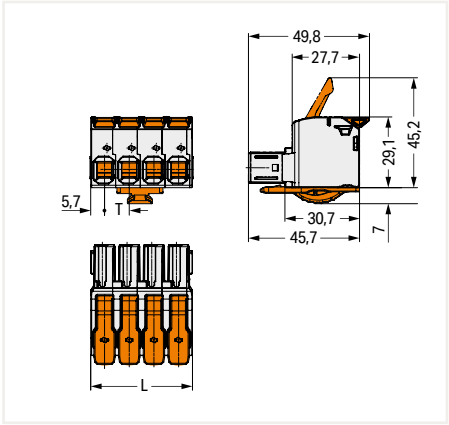
Environmental Requirements	
Limit temperature range	-60 … +105 °C

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

1-Conductor Female Connector ▸ *MCS* MAXI 16 ▸ 832 Series

Pin spacing: 10.16 mm (0.4 inch) ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Locking of plug-in connection: central locking lever ▸ Color: light gray

Pole No.	Item No.	PU
2	832-1102/322-000	20
3	832-1103/323-000	15
4	832-1104/322-000	10
5	832-1105/323-000	10
6	832-1106/322-000	5



L = (pole no. – 1) x pin spacing + 9.5 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

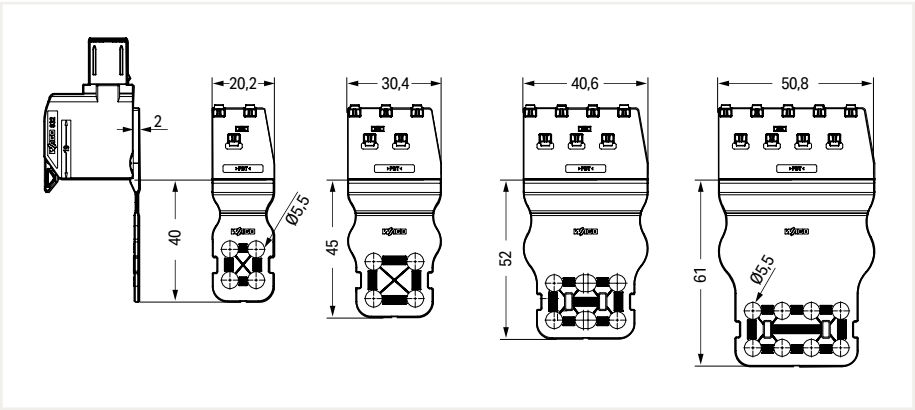
- Other colors

Strain Relief Plate ▸ for Male and Female Connectors with Push-in CAGE CLAMP® Connection ▸

Color: light gray

MCS MAXI 16

Strain relief plate ▸ for inserting			
Pol No.	Width	Item No.	PU
2	20,2 mm	832-532	60
3	30,4 mm	832-533	45
4	40,6 mm	832-534	40
5	50,8 mm	832-535	40



The arrangement of the attachments for cable ties allows single conductors or multi-core cables to be secured in different ways. The width of the cable ties must correspond to the hole dimensions of the strain relief plates shown above.

Cable ties and binding tools are not offered by WAGO.

Strain relief plate for field assembly

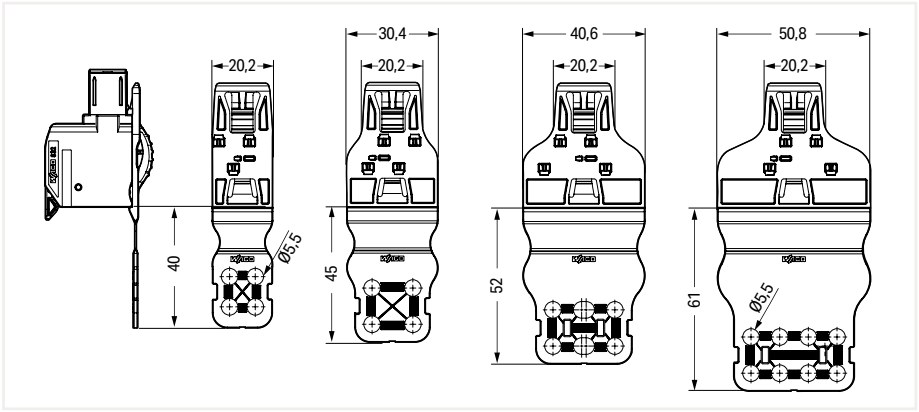
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Strain relief plate with locking lever ▸ Locking lever ▸ for Male and Female Connectors with Push-in CAGE CLAMP® Connection ▸ Color: orange

MCS MAXI 16

Strain relief plate ▸ for inserting ▸ with locking lever			
Pol No.	Width	Item No.	PU
2	20,2 mm	832-542	60
3	30,4 mm	832-543	45
4	40,6 mm	832-544	40
5	50,8 mm	832-545	40

Locking lever ▸ for inserting			
Pol No.	Width	Item No.	PU
2; 4; 6	20,2 mm	832-522	60
3; 5	20,2 mm	832-523	40



The arrangement of the attachments for cable ties allows single conductors or multi-core cables to be secured in different ways. The width of the cable ties must correspond to the hole dimensions of the strain relief plates shown above.

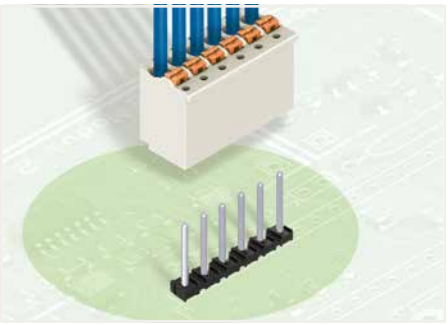
Cable ties and binding tools are not offered by WAGO.

Strain relief plate with locking lever for factory assembly

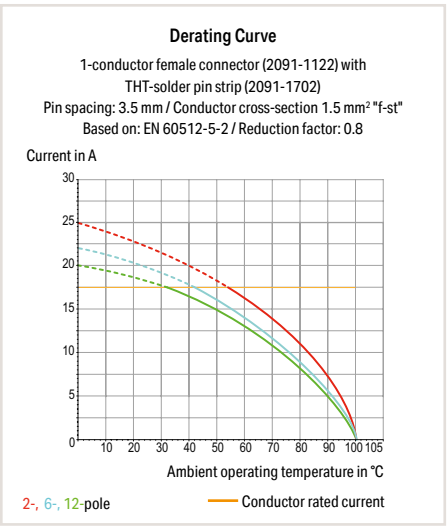
Locking lever for field assembly

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THT Solder Pin Strip ▸ *picoMAX*® 3.5 ▸ 2091 Series
Pin spacing: 3.5 mm (0.138 inch) ▸ Color: black



- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip



Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	160 V	160 V	320 V	
Rated impulse voltage	2.5 kV	2.5 kV	2.5 kV	
Rated current	10 A	10 A	10 A	

Material Data	
Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin length	3.6 mm
Solder pin diameter	1 mm
Drilled hole diameter (tolerance)	$1.2^{(+0.1)}$ mm

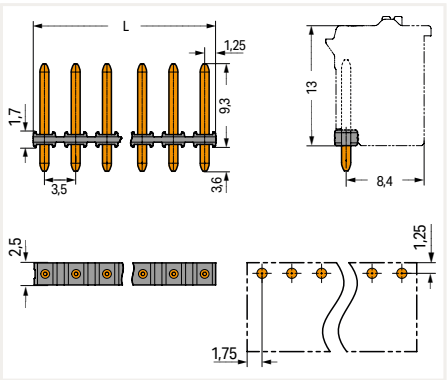
Environmental Requirements	
Limit temperature range	-60 … +100 °C

The ***picoMAX*® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

THT Solder Pin Strip ▸ *picoMAX*® 3.5 ▸ 2091 Series
Pin spacing: 3.5 mm (0.138 inch) ▸ Color: black

Mating direction to the PCB: 90°

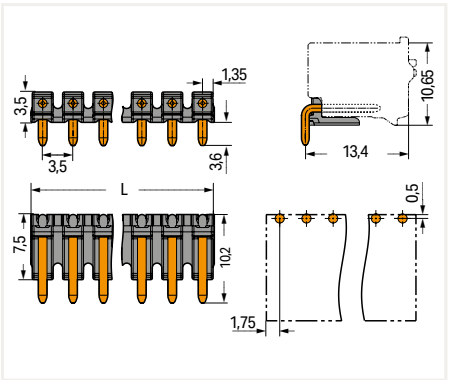
Pole No.	Item No.	PU
2	2091-1702	500
3	2091-1703	500
4	2091-1704	500
5	2091-1705	500
6	2091-1706	500
7	2091-1707	500
8	2091-1708	500
10	2091-1710	400
12	2091-1712	400



L = (pole no. – 1) x pin spacing + 2.5 mm

Mating direction to the PCB: 0°

Pole No.	Item No.	PU
2	2091-1722	400
3	2091-1723	400
4	2091-1724	400
5	2091-1725	400
6	2091-1726	400
7	2091-1727	400
8	2091-1728	400
10	2091-1730	300
12	2091-1732	300



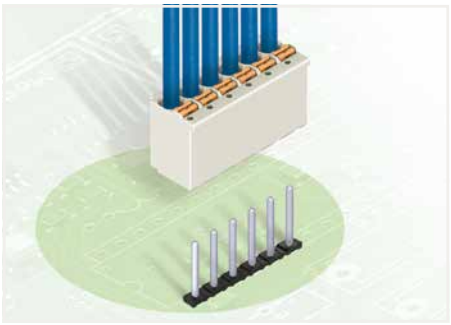
L = (pole no. – 1) x pin spacing + 2.7 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

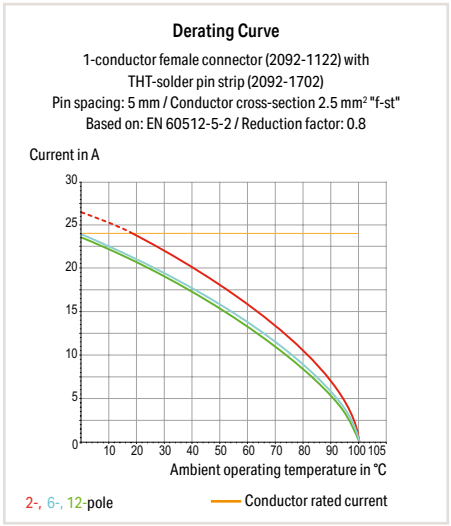
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers

THT Solder Pin Strip ▸ *picoMAX*® 5.0 ▸ 2092 Series
Pin spacing: 5 mm (0.197 inch) ▸ Color: black



- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip



Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	250 V	320 V	630 V	
Rated impulse voltage	4 kV	4 kV	4 kV	
Rated current	16 A	16 A	16 A	

Material Data	
Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter (tolerance)	$1.6^{(+0.1)}$ mm

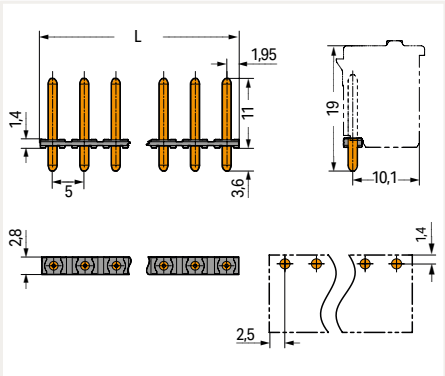
Environmental Requirements	
Limit temperature range	-60 … +100 °C

The ***picoMAX*® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

THT Solder Pin Strip ▸ *picoMAX*® 5.0 ▸ 2092 Series
Pin spacing: 5 mm (0.197 inch) ▸ Color: black

Mating direction to the PCB: 90°

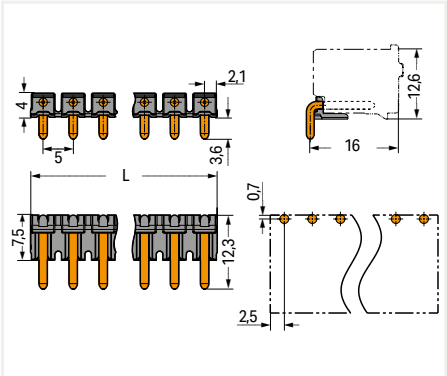
Pole No.	Item No.	PU
2	2092-1702	400
3	2092-1703	400
4	2092-1704	400
5	2092-1705	400
6	2092-1706	400
7	2092-1707	400
8	2092-1708	400
9	2092-1709	300
10	2092-1710	300
12	2092-1712	300



L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

Pole No.	Item No.	PU
2	2092-1722	300
3	2092-1723	300
4	2092-1724	300
5	2092-1725	300
6	2092-1726	300
7	2092-1727	300
8	2092-1728	300
9	2092-1729	300
10	2092-1730	200
12	2092-1732	200



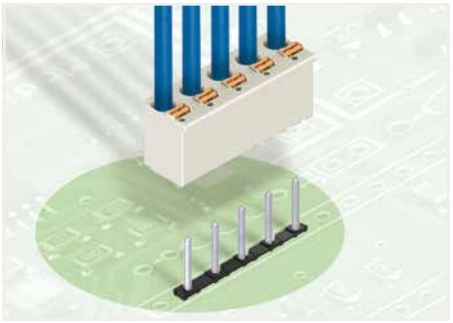
L = (pole no. – 1) x pin spacing + 4.2 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers

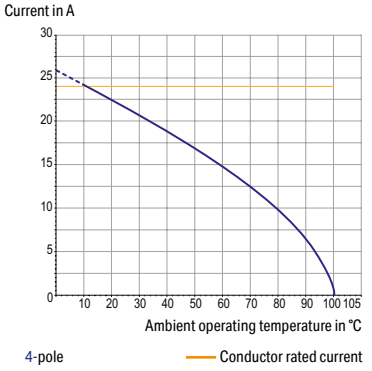
THT Solder Pin Strip ▸ *picoMAX*® 7.5 ▸ 2092 Series
Pin spacing: 7.5 mm (0.295 inch) ▸ Color: black



- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip

Derating Curve

1-conductor female connector (2092-3124) with
THT-solder pin strip (2092-3704)
Pin spacing: 7.5 mm / Conductor cross-section 2.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8



Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	400 V	630 V	1000 V	
Rated impulse voltage	6 kV	6 kV	6 kV	
Rated current	16 A	16 A	16 A	

Material Data	
Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter (tolerance)	$1.6^{(+0.1)}$ mm

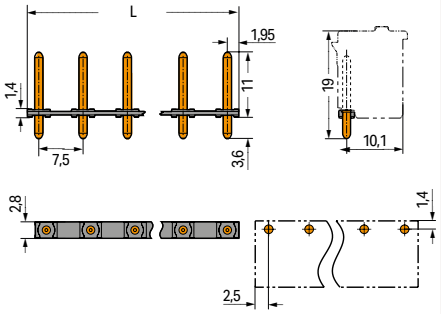
Environmental Requirements	
Limit temperature range	-60 … +100 °C

The ***picoMAX*® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

THT Solder Pin Strip ▸ *picoMAX*® 7.5 ▸ 2092 Series
Pin spacing: 7.5 mm (0.295 inch) ▸ Color: black

Mating direction to the PCB: 90°

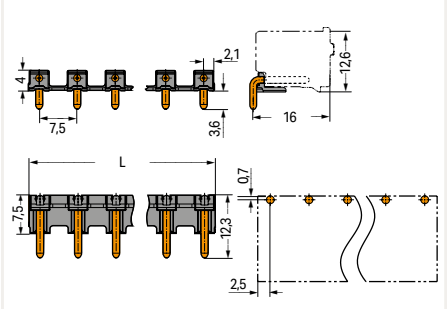
Pole No.	Item No.	PU
2	2092-3702	400
3	2092-3703	400
4	2092-3704	400
5	2092-3705	400



L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

Pole No.	Item No.	PU
2	2092-3722	300
3	2092-3723	300
4	2092-3724	300
5	2092-3725	300



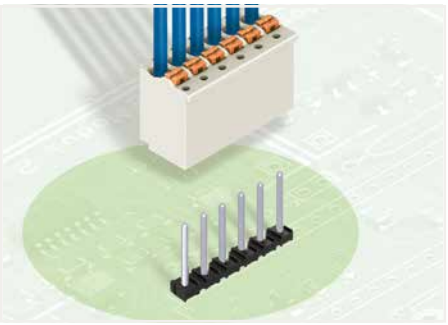
L = (pole no. – 1) x pin spacing + 4.2 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

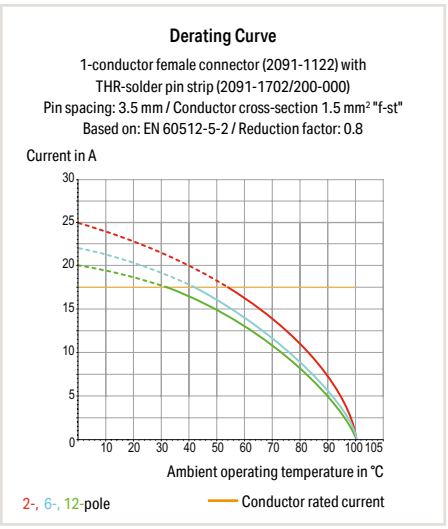
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers

THR Solder Pin Strip ▸ *picoMAX*® 3.5 ▸ 2091 Series
Pin spacing: 3.5 mm (0.138 inch) ▸ Color: black



- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip



Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	160 V	160 V	320 V	
Rated impulse voltage	2.5 kV	2.5 kV	2.5 kV	
Rated current	10 A	10 A	10 A	

Material Data	
Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin length	2.4 mm
Solder pin diameter	1 mm
Plated through-hole diameter (THR)	$1.2^{(+0.1)}$ mm

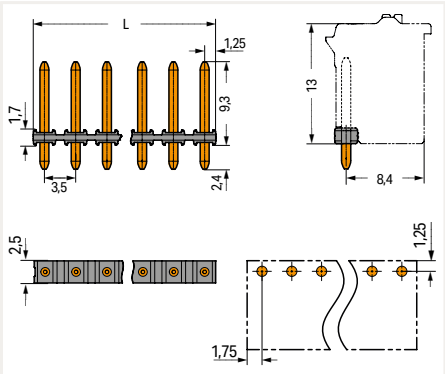
Environmental Requirements	
Limit temperature range	-60 … +100 °C

The ***picoMAX*® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

THR Solder Pin Strip ▸ *picoMAX*® 3.5 ▸ 2091 Series
Pin spacing: 3.5 mm (0.138 inch) ▸ Color: black

Mating direction to the PCB: 90°

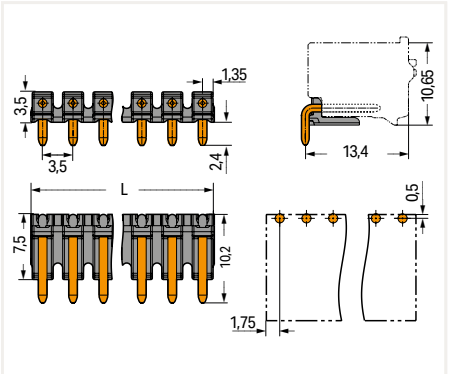
Pole No.	Item No.	PU
2	2091-1702/200-000	500
3	2091-1703/200-000	500
4	2091-1704/200-000	500
5	2091-1705/200-000	500
6	2091-1706/200-000	500
7	2091-1707/200-000	500
8	2091-1708/200-000	500
10	2091-1710/200-000	400
12	2091-1712/200-000	400



L = (pole no. – 1) x pin spacing + 2.5 mm

Mating direction to the PCB: 0°

Pole No.	Item No.	PU
2	2091-1722/200-000	400
3	2091-1723/200-000	400
4	2091-1724/200-000	400
5	2091-1725/200-000	400
6	2091-1726/200-000	400
7	2091-1727/200-000	400
8	2091-1728/200-000	400
10	2091-1730/200-000	300
12	2091-1732/200-000	300



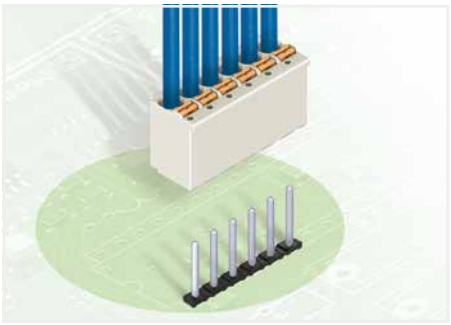
L = (pole no. – 1) x pin spacing + 2.7 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

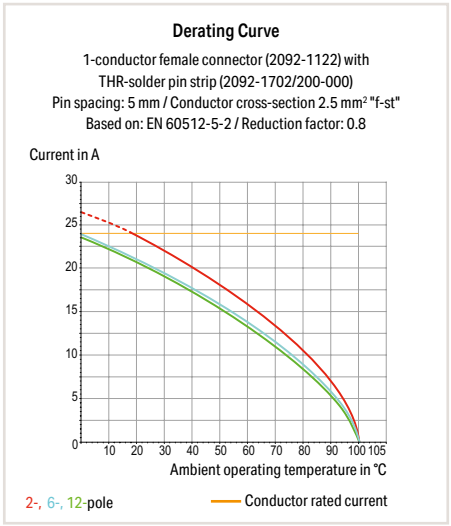
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers

THR Solder Pin Strip ▸ *picoMAX*® 5.0 ▸ 2092 Series
Pin spacing: 5 mm (0.197 inch) ▸ Color: black



- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip



Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	250 V	320 V	630 V	
Rated impulse voltage	4 kV	4 kV	4 kV	
Rated current	16 A	16 A	16 A	

Material Data	
Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	$1.6^{(+0.1)}$ mm

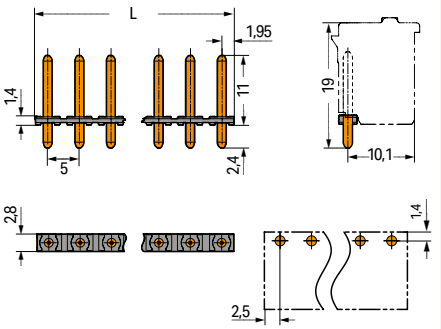
Environmental Requirements	
Limit temperature range	-60 … +100 °C

The ***picoMAX*® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

THR Solder Pin Strip ▸ *picoMAX*® 5.0 ▸ 2092 Series
Pin spacing: 5 mm (0.197 inch) ▸ Color: black

Mating direction to the PCB: 90°

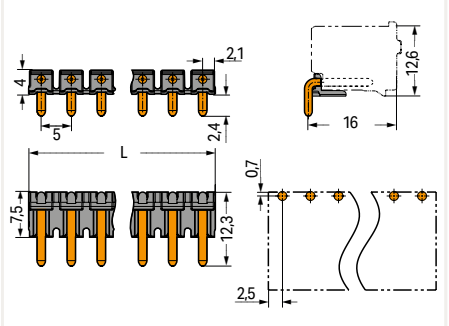
Pole No.	Item No.	PU
2	2092-1702/200-000	400
3	2092-1703/200-000	400
4	2092-1704/200-000	400
5	2092-1705/200-000	400
6	2092-1706/200-000	400
7	2092-1707/200-000	400
8	2092-1708/200-000	400
9	2092-1709/200-000	300
10	2092-1710/200-000	300
12	2092-1712/200-000	300



L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

Pole No.	Item No.	PU
2	2092-1722/200-000	300
3	2092-1723/200-000	300
4	2092-1724/200-000	300
5	2092-1725/200-000	300
6	2092-1726/200-000	300
7	2092-1727/200-000	300
8	2092-1728/200-000	300
9	2092-1729/200-000	300
10	2092-1730/200-000	200
12	2092-1732/200-000	200



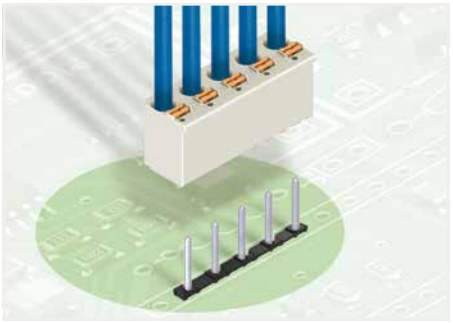
L = (pole no. – 1) x pin spacing + 4.2 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

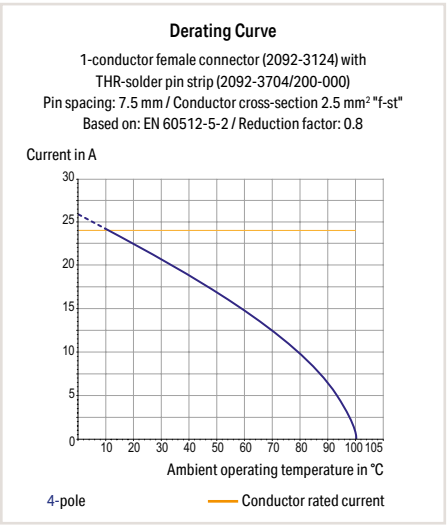
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers

THR Solder Pin Strip ▸ *picoMAX*® 7.5 ▸ 2092 Series
Pin spacing: 7.5 mm (0.295 inch) ▸ Color: black



- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip



Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Rated voltage	400 V	630 V	1000 V	
Rated impulse voltage	6 kV	6 kV	6 kV	
Rated current	16 A	16 A	16 A	

Material Data	
Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	Tin-plated

Mechanical Data	
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	$1.6^{(+0,1)}$ mm

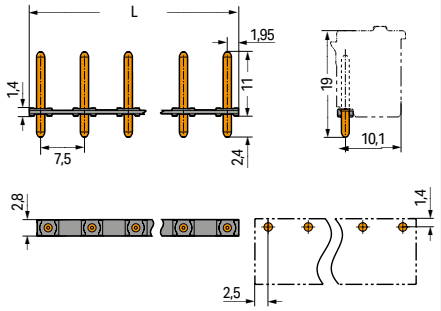
Environmental Requirements	
Limit temperature range	-60 … +100 °C

The ***picoMAX*® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

THR Solder Pin Strip ▸ *picoMAX*® 7.5 ▸ 2092 Series
Pin spacing: 7.5 mm (0.295 inch) ▸ Color: black

Mating direction to the PCB: 90°

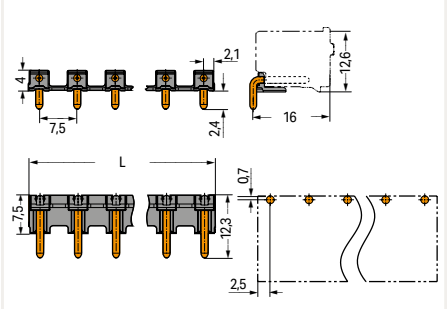
Pole No.	Item No.	PU
2	2092-3702/200-000	400
3	2092-3703/200-000	400
4	2092-3704/200-000	400
5	2092-3705/200-000	400



L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

Pole No.	Item No.	PU
2	2092-3722/200-000	300
3	2092-3723/200-000	300
4	2092-3724/200-000	300
5	2092-3725/200-000	300



L = (pole no. – 1) x pin spacing + 4.2 mm

PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other pole numbers

Volume 6, WAGO Marking

Volume 6, WAGO Marking

WAGO Marking Software Smart Script
Intuitive Marking Software

Smart Script is WAGO's new software for the compact Thermal Transfer Smart Printer. The self-explanatory and intuitive software perfectly fits all control cabinet marking requirements.

Combining superior usability with a modern design, Smart Script helps the user complete the task quickly and easily with just a few clicks. For example, Smart Script can be used to easily customize type labels, as well as define and print barcodes and graphic elements.

- **Modern design:**
  Appealing and intuitive workflow
- **All applications in one Software:**
  Fast and easy to use, printer driver and all settings integrated
- **For any control cabinet marking application:**
  Professional marking of terminal blocks, labels, type plates and conductor markers

WAGO Configuration Software Smart Designer
Smart Designer in HTML5

Updated to HTML5, WAGO's Smart Designer Configuration Software comes with a new design and additional features.

The new software offers a modern and intuitive user interface for maximum usability. In addition, mobile devices are better supported, expanding the scope of applications and allowing the software to be used at any time and from anywhere. With this future-ready web application standard, WAGO offers a tool that perfectly supports the engineering process.

All known and proven functions of the previous Smart Designer version have been retained. The updated tool allows projects from different CAE planning tools to be imported via an interface and, for example, a plausibility check to be performed. Based on WAGO's expertise, a check is made as to whether the configured setup is possible and for rail-mount terminal blocks, e.g., the correct jumpers are set according to the planning.
Alternatively, a combination of rail-mount terminal blocks or a custom connector can be created directly in the software and an offer can be requested with a click.

- Future-ready web application standard
- Modern, intuitive user interface
- Better support for mobile devices
- All known functions have been retained

Cable Stripper

Cable knife; for Ø 8 … 28 mm / 0.31 … 1.10 inch; with a unique, changeable cable bracket system; including cable bracket

Item No.	Pack. Unit
206-1403	1

Cable knife set; for Ø 4 … 70 mm / 0.16 … 2.75 inch; including all cable brackets in a Sortimo® Box

Item No.	Pack. Unit
206-1400	1

Never use this tool on or near live electrical circuits!

To replace the cable bracket, use the new bracket as an operating tool and pull it upwards.

Item-Specific Accessories

Cable bracket; for Ø 4 … 16 mm / 0.16 … 0.63 inch

206-1411 1

Cable bracket; for Ø 8 … 28 mm / 0.31 … 1.10 inch

206-1412 1

Cable bracket; for Ø 27 … 35 mm / 1.06 … 1.38 inch

206-1413 1

Cable bracket; for Ø 35 … 50 mm / 1.38 … 1.97 inch

206-1414 1

Cable bracket; for Ø 50 … 70 mm / 1.97 … 2.75 inch

206-1415 1

The cutting depth of the hook blade can be adjusted with the slider.

Accessories

Spare inside blade

206-1418 3

Spare hook blade

206-1419 1

The cutting depth of the inner knife can be adjusted with the screw.

Strip large cross sections with the hook blade.

Release the fuse before using the hook blade.

Cable Stripper

In-socket cable stripper; for Ø 8 … 13 mm / 5/16 … 1/2 inch

	Item No.	Pack. Unit
	206-1441	1

Universal cable stripper; for Ø 8 … 13 mm / 5/16 … 1/2 inch

	Item No.	Pack. Unit
	206-1442	1

Data cable stripper; for Ø 4.5 … 10 mm / 3/16 … 3/8 inch

	Item No.	Pack. Unit
	206-1451	1

Product features:
- Extra long design and improved force transmission simplifies stripping in deep device connection sockets
- Special four-blade design for an even more precise round cut
- No cutting depth adjustment required
- TiN-coated blades, TÜV/GS tested
- Ø 8 … 13 mm / 5/16 … 1/2 inch
- Strips all standard round cables, including NYM 3 x 1.5 mm²/16 AWG … 5 x 2.5 mm²/14 AWG

Sheath stripping: longitudinal cut

Product features:
- Secure grip achieved with soft padding for non-slip grips
- Technically improved functionality
- New locking mechanism prevents the unwanted opening of the tool
- Absolutely straightforward, quick and easy longitudinal cuts – with innovative internal cable duct
- Redesigned blade layout and intake to stop cable waste from jamming the tool
- Durable and ergonomically designed pocket clip
- Ø 8 … 13 mm / 5/16 … 1/2 inch

Product features:
- Strip outer insulation and foil sheathing with one tool
- Ideal for stripping PVC-insulated data cables with thin insulation (e.g., Cat. 5, Cat. 6, Cat. 7, twisted pair cable)
- TiN-coated blades
- Ø 4.5 … 10 mm / 3/16 … 3/8 inch

Stripping a cable sheath.

Built-in handy knife

Stripping a wire insulation.

Cable Stripper

Stripping pliers; for sensor cables; for Ø 3.2 … 4.4 mm / 0.13 … 0.17 inch		
	Item No.	Pack. Unit
	206-1481	1

Item-Specific Accessories		
Replacement blade set; for Ø 3.2 … 4.4 mm / 0.13 … 0.17 inch		
	206-1491	1

Stripping pliers; for control cables; for Ø 4.4 … 7 mm / 0.17 … 0.27 inch		
	Item No.	Pack. Unit
	206-1482	1

Item-Specific Accessories		
Replacement blade set; for Ø 4.4 … 7 mm / 0.17 … 0.27 inch		
	206-1492	1

Never use this tool on or near live electrical circuits!

The stripping pliers for sensor cables have a blade geometry specially designed for sensor cables with a smaller cross section and a working range from Ø 3.2 mm / 0.13 inch (for stranded cables and round cables with Ø 3.2 mm … 4.4 mm / 0.13 … 0.17 inch).

The stripping pliers for control cables are designed for stronger cables from Ø 4.4 mm / 0.17 inch (for stranded cables and round cables with Ø 4.4 mm … 7 mm / 0.17 … 0.27 inch).

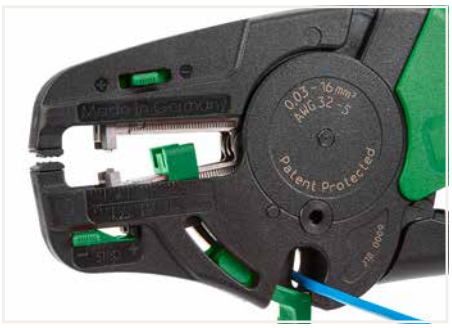
These stripping pliers quickly and safely strip cables for connecting, e.g., sensor/actuator distribution boxes, bus couplers and pluggable connectors.

Suitable for:
- Halogen-free PUR sensor/actuator cables
- Highly flexible TPE-U cables
- Control cables
- PUR cables
- PUR/PVC cables
- PVC cables
- Multi-core cables
- Shielded and unshielded cables

Wire Stripper

Wire stripper “Quickstrip Vario”; 0.03 … 16 mm² / 34 … 6 AWG; with wire cutter		
	Item No.	Pack. Unit
	206-1125	1

Accessories		
Blade set; Standard; 0.03 … 16 mm² / 34 … 6 AWG		
	206-1126	1
Blade set; V-blade; 0.14 … 4 mm² / 24 … 12 AWG		
	206-1127	1
Blade set; Oval blade; 10 … 16 mm² / 8 … 6 AWG		
	206-1128	1
Spare stripping stop		
	206-1129	1
Spare cut protector		
	206-1131	1
Spare clamping jaws		
	206-1132	1



Cutting a conductor.

Partially stripping a conductor.

Wire Stripper:
- Automatically adjust to conductor size
- Stripping blades cause no damage to conductor strands
- Gripping pressure of jaws adjusts automatically to conductor insulation diameter
- Clamping jaws and stripping blades automatically open once the stripping process is completed – no splaying of the conductor strands
- Exact strip length may be set by sliding black setting stop
- Stripping blades can be replaced
- Self-sharpening, fully protected cutter (replaceable)
- Entire body made of glass-fiber-reinforced polyamide
- Cutting capacity of the wire cutter of fine-stranded conductors up to 16 mm² (6 AWG)

Crimping Tool

Crimping tool “Variocrimp 4”; for insulated and uninsulated ferrules; Crimping range: 0.25 … 4 mm² (24 … 12 AWG)		
	Item No.	Pack. Unit
	206-1204	1

Spring clamp; large		
	206-1205	1

Spring clamp; small		
	206-1206	1

Crimping tool “Variocrimp 16”; for insulated and uninsulated ferrules; Crimping range: 6 mm² (10 AWG), 10 mm² (8 AWG) and 16 mm² (6 AWG)		
	Item No.	Pack. Unit
	206-1216	1

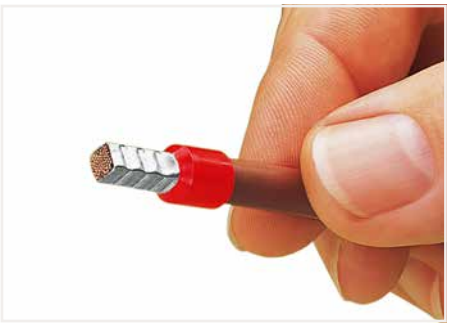
Spring clamp; small		
	206-1206	1

Application notes:

- The built-in crimping pressure control of “Variocrimp 4” automatically adjusts the crimping force to the conductor cross section. Select the wire gauge on “Variocrimp 16” before crimping.
- Only one crimping station is needed to handle the specified conductor range.
- Uniform, compact crimping on all four sides for high conductor retention.
- No need to center the ferrules into the terminal blocks.
- Crimping can be performed from either side (for left- or right-handed users).
- Built-in ratchet mechanism ensures gas-tight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Ergonomically designed handles.

Insert the ferruled conductor into the crimping station.

Squeeze handles until ratchet mechanism is released.



A perfect gas-tight crimp – both electrically and mechanically reliable

Only for “Variocrimp 16”:
Adjust conductor cross section with crimping tool in open position.

Crimping Tool

Crimping tool 25; for insulated and uninsulated ferrules; crimping range: 10 mm² (8 AWG), 16 mm² (6 AWG) and 25 mm² (4 AWG)

	Item No.	Pack. Unit
	206-1225	1

Crimping tool 50; for insulated and uninsulated ferrules; crimping range: 35 mm² (2 AWG) and 50 mm² (1/0 AWG)

	Item No.	Pack. Unit
	206-1250	1

Application notes:
- Improved crimping for higher conductor retention
- Crimping can be performed from either side (for left- or right-handed users).
- Built-in ratchet mechanism ensures gas-tight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Ergonomically designed handles.

Insert the ferruled conductor into the crimping station.

Squeeze handles until ratchet mechanism is released.

What is a "gas-tight" connection?
In a gas-tight connection, the conductor and the ferrule are compressed, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor gaseous medium can penetrate the crimped connection.
Oxidation between crimped single conductors is prevented, virtually eliminating the possibility of any increase in the crimped connection's resistance. In some exceptional cases, minute, isolated spaces may be present. However, these instances can be considered as closed off due to the twisted conductor.
Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain, permitting oxidation formation and an increase in contact resistance.
Elevated resistance is detrimental for both signal transmission (signal flow is damped) and power transmission, resulting in power loss and contact heating (risk of fire).
Crimping tools with built-in ratchets are recommended (e.g., WAGO Crimping Tools). These tools open automatically after the crimping operation is complete. Space-saving crimping from all four sides is ideal for spring clamp termination.
Ferruled conductor cross sections specified for WAGO products are based on this crimping method.

Item Number Index

Products highlighted in RED are new items for Autumn 2019

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