


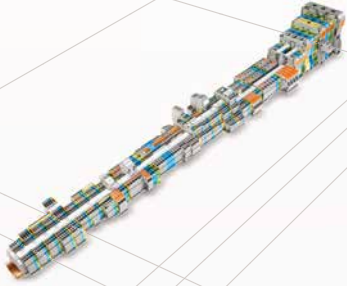
Electrical Interconnection

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


Edition 2019/1




WAGO Rail-Mounted Terminal Block Systems 1
Full Line Catalog, Volume 1 – Edition 2019/2020



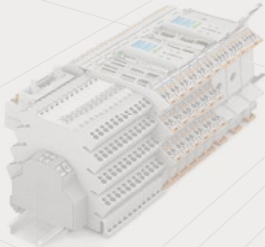
WAGO PCB Terminal Blocks and WAGO Connectors 2
Full Line Catalog, Volume 2 – Edition 2019/2020



Automation Technology 3
Full Line Catalog, Volume 3 – Edition 2019/2020



WAGO Electronic Interface 4
Full Line Catalog, Volume 4 – Edition 2019/2020



WAGO Pluggable Connection System WINSTA® 5
Full Line Catalog, Volume 5 – Edition 2019/2020

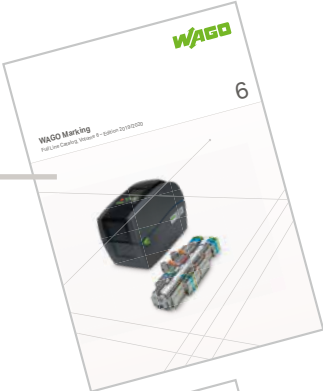
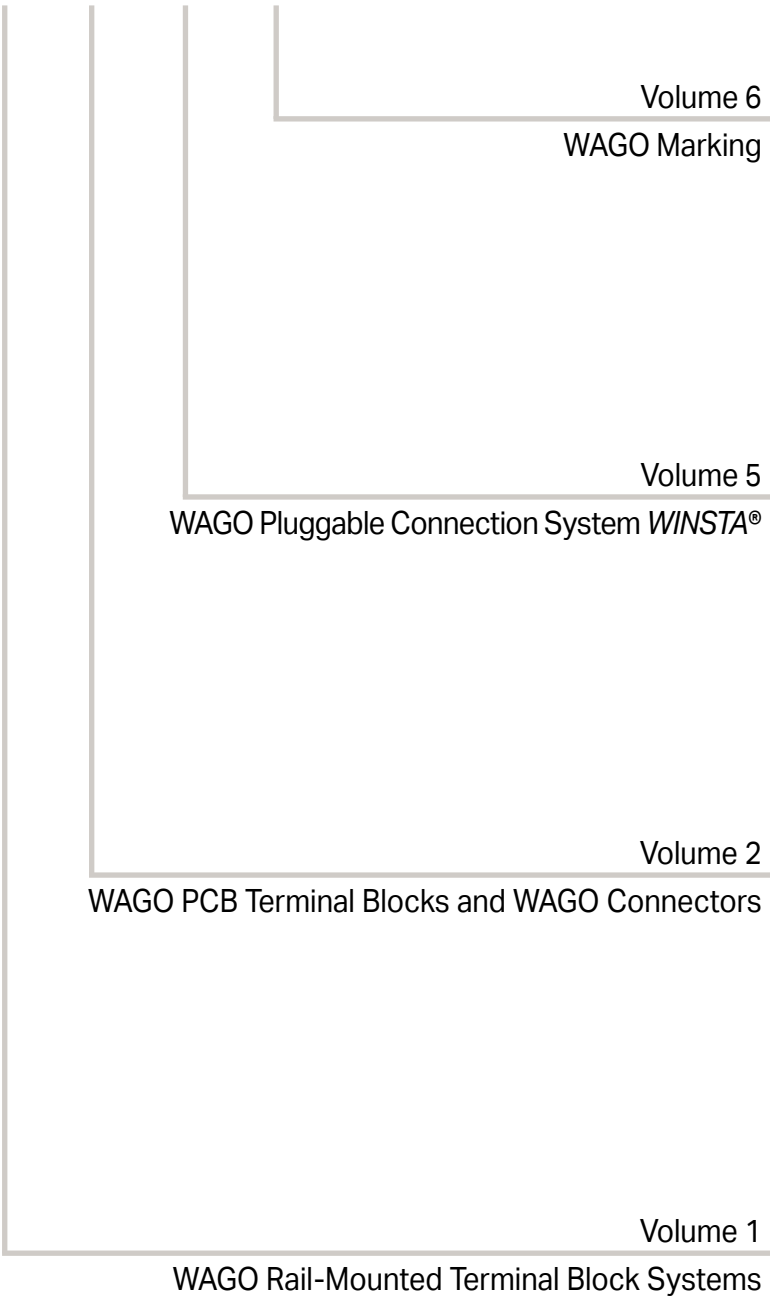


WAGO Marking 6
Full Line Catalog, Volume 6 – Edition 2019/2020







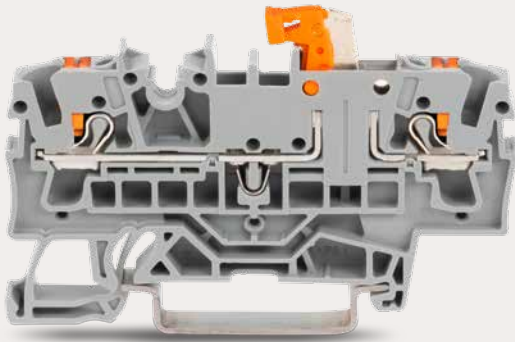
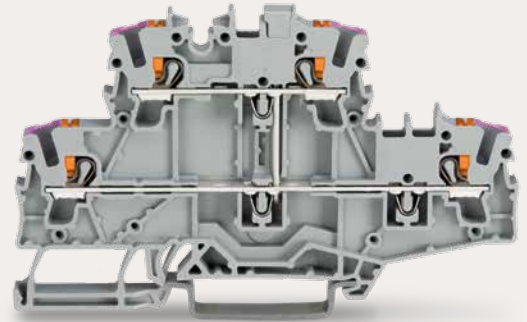
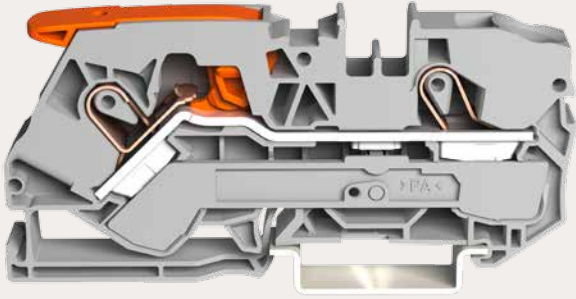
The new items in this catalog supplement products found in the following main catalogs

N 1/2/5/6





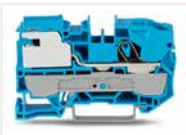
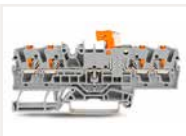
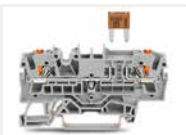



Supplementary Catalog Electrical Interconnection

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	WAGO PCB Terminal Blocks and WAGO Connectors	Volume 2	26
	WAGO Marking Accessories	Volume 6	52
	WAGO Tools		56
	Item Number Index		62




Volume 1, WAGO Rail-Mount Terminal Block Systems


Volume 1, WAGO Rail-Mount Terminal Block Systems

		Page
	Through and Ground Conductor Terminal Blocks TOPJOB® S; with Lever and Push-in CAGE CLAMP® 10 (16) mm² / 6 AWG	2110 Series 4
	Double-Deck Terminal Blocks TOPJOB® S; with Push-Button; with Vertical Conductor Entry; 2.5 (4) mm² / 12 AWG	2202 Series 6
	N-Conductor and Power Distribution Disconnect Terminal Blocks TOPJOB® S 10 (16) mm² / 6 AWG	2010 Series 7
	Test/Disconnect Terminal Blocks; Through and Ground Conductor Terminal Blocks TOPJOB® S; with Push-Button; with Additional Jumper Slot 2.5 (4) mm² / 12 AWG	2202 Series 8
	Fuse Terminal Blocks TOPJOB® S; with Push-Button; for Mini-Automotive Blade-Style Fuses 2.5 (4) mm² / 12 AWG	2202 Series 14
	Fused Disconnect Terminal Blocks with a Pivoting Fuse Holder TOPJOB® S; with Push-Button; for Glass Cartridge Fuses 5 x 20 mm 2.5 (4) mm² / 12 AWG	2202 Series 16
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	COMPACT Splicing Connectors for All Conductor Types and Mounting Carrier; for Ex eb Applications 4 mm² / 12 AWG	221 Series 25

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 ... 0.91 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 ... 0.91 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.

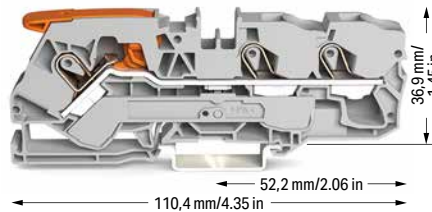
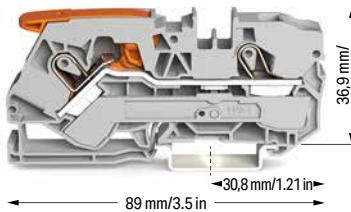
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

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

Available July 2019



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

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

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

Color	Item No.	Pack. Unit
green-yellow	2110-1207	25

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

Color	Item No.	Pack. Unit
green-yellow	2110-1307	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

Finger guard; touch-proof cover protects unused conductor entries

	yellow	2010-100	100 (25)
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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


Modular connector; snaps together; for jumper contact slot

	gray	2010-511	50 (25)
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Star point jumper; insulated; I_N = I_N terminal block; light gray

	1-3-5	2010-405/011-000	25
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Test plug adapter; for 4 mm Ø test plug

	gray	2009-174	100 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

	yellow	2010-115	100 (25)
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Marking strip; plain; 11 mm wide; 50 m reel

	white	2009-110	1
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WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

	plain	793-5501	5
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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 ① | 20 ... 6 AWG

800 V/8 kV/3 ②

I_N 57 A

Terminal block width: 10 mm / 0.394 inch

 17 ... 19 mm / 0.67 ... 0.91 inch


Technical Data

0.5 ... 10 (16) mm² ① | 20 ... 6 AWG

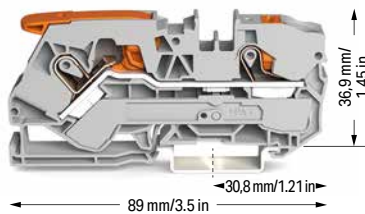
800 V/8 kV/3 ②

I_N 57 A

Terminal block width: 10 mm / 0.394 inch

 17 ... 19 mm / 0.67 ... 0.91 inch

Available July 2019



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

Color	Item No.	Pack. Unit
gray	2110-5201	25
blue	2110-5204 ③	25

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

Color	Item No.	Pack. Unit
gray	2110-5301	25
blue	2110-5304 ③	25

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

green-yellow	2110-5207	25
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3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-5307	25
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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
---	-------	----------	---

① 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.


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


③ 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

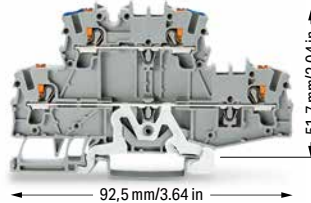
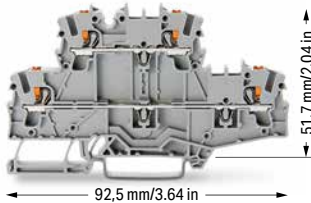
Double-Deck Terminal Block TOPJOB® S; with Push-Button; with Vertical Conductor Entry 2.5 (4) mm²; 2202 Series

Technical Data	
0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
800 V/8 kV/3 ②	
I _N 24 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) mm ² ①	22 ... 12 AWG
800 V/8 kV/3 ②	
I _N 24 A	
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

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

Available May 2019



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



	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; Ground conductor/through terminal block; with vertical conductor entry; without marker carrier; Gray housing

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

Accessories; 2202 Series


Appropriate marking systems:
WMB/WMB Inline/Marking strips

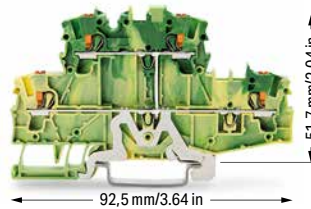
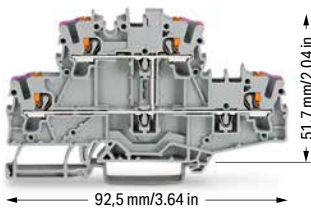
End and intermediate plate; 0.8 mm thick		
	orange	2202-2792 100 (25)
	gray	2202-2791 100 (25)

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


● N/N	2202-2704 ③	50
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Double-deck marker carrier; pivoting


	gray	2002-121	50 (25)
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Insulation stop; 5 pcs/strip; 0.25 ... 0.5 mm²

	light gray	2002-171	200 (25)
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Insulation stop; 5 pcs/strip; 0.75 ... 1 mm²

	dark gray	2002-172	200 (25)
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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 housing

	Item No.	Pack. Unit
○ L	2202-2708	50

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

	Item No.	Pack. Unit
● GND	2202-2707	50


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


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 housing

● N	2202-2709 ③	50
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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)

N-Disconnect Terminal Block and Power Distribution Disconnect Terminal Block TOPJOB® S

10 (16) mm²; 2010 Series


Technical Data

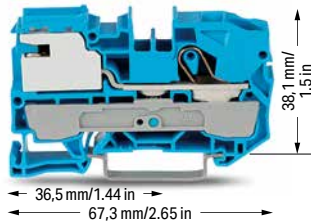
0.5 ... 10 (16) mm² ① | 20 ... 6 AWG

250 V/4 kV/3 ②

I_N 57 A

Terminal block width: 10 mm / 0.394 inch

 17 ... 19 mm / 0.67 ... 0.91 inch



1-conductor N-disconnect terminal block

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

1-conductor power distribution disconnect terminal block

gray	2010-7111	25
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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)
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Lock-out; prevents reclosing of slide link; snap-on type

orange	2006-7300	100 (25)
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Busbar carrier; not suitable as an end stop; snaps onto DIN-35 rail; 1.5 mm thick

blue	2009-304	100 (25)
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Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 7.5 mm thick

blue	2009-305	25
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Busbar; tin-plated; 1000 mm long; copper (10 x 3) mm

I _N 140 A	210-133	1
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Busbar cover; 1000 mm long

transparent	777-303	1
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- 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.
- 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
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Connector; for busbar; with blue cover; 2.5 ... 16 mm²

blue	210-281	100 (50)
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Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
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Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

	210-137	50
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Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1
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WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

plain	793-5501	5
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
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

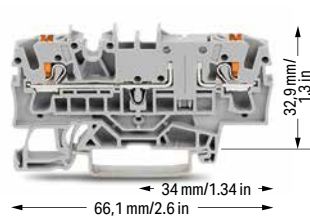
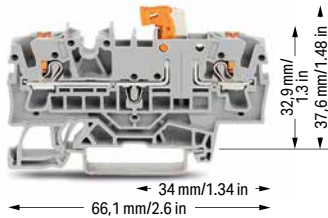
According to DIN VDE 0100-710, "Requirements for operating facilities, rooms and special installations – medical facilities," equipotential bonding conductors shall be run on a potential equalization busbar. The potential equalization busbar and the protective ground conductor busbar must be mounted 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.

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) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
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) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
I _N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	




Available June 2019



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

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 14
Carrier; gray	2202-1661	
Carrier; orange	2202-1662	

① 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.

② 400 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


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
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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)
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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)
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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)
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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
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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

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)

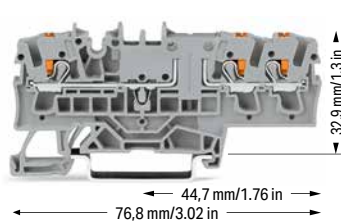
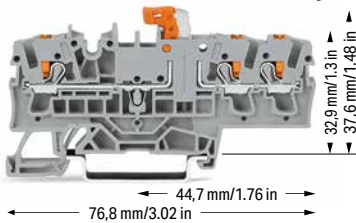
Disconnect/Test Terminal Block; Through Terminal Block and Ground Conductor Terminal Block TOPJOB® S; with Push-Button; with Additional Jumper Slot

2.5 (4) mm²; 2202 Series




Technical Data	
0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
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) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
I _N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	




Available June 2019



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

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
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Other terminal blocks with the same profile

Fuse	2202-1781	Page 14
Carrier	2202-1761	

① 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.

② 400 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

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
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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


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

	dark gray	2002-172	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

	yellow	2002-115	100 (25)
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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
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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

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

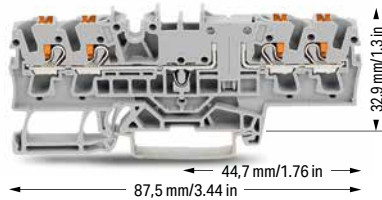
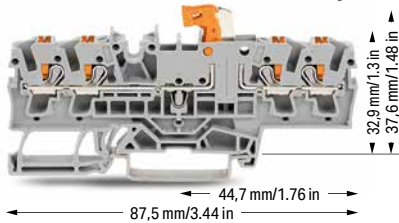
gray 2002-121 50 (25)

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) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
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) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
I _N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	




Available June 2019



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 14
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 mm ²		
 light gray	2002-171	200 (25)


Insulation stop; 5 pcs/strip; 0.75 ... 1 mm ²		
 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 mm ² 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

① 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.

② 400 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


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
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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)
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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

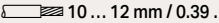
WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

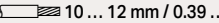
plain 793-5501 5


Double-deck marker carrier; pivoting

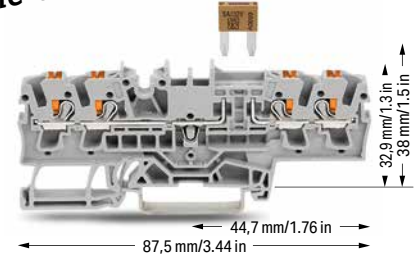
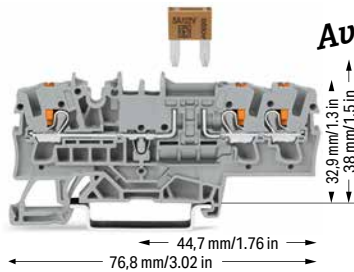
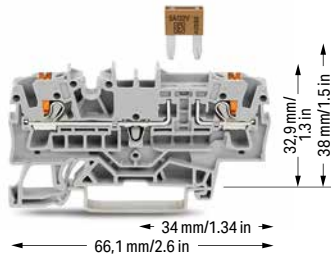
gray 2002-121 50 (25)

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) mm ² ❶	22 ... 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A ❸
I _N 10 A ❸	300 V, 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm ² ❶	22 ... 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A ❸
I _N 10 A ❸	300 V, 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm ² ❶	22 ... 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A ❸
I _N 10 A ❸	300 V, 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	



Available June 2019

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

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

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.



Blade-style fuses are not offered by WAGO.



Blade-style fuses are not offered by WAGO.



Other terminal blocks with the same profile		
Through	Item No.	Page
Through	2202-1601	Page 8

Other terminal blocks with the same profile		
Through	Item No.	Page
Through	2202-1701	Page 10

Other terminal blocks with the same profile		
Through	Item No.	Page
Through	2202-1801	Page 12

Item-Specific Accessories			
End and intermediate plate; 1 mm thick			
	orange	2002-1692	100 (25)
	gray	2002-1691	100 (25)

Item-Specific Accessories			
End and intermediate plate; 1 mm thick			
	orange	2002-1792	100 (25)
	gray	2002-1791	100 (25)


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 mm ²			
	light gray	2002-171	200 (25)


Insulation stop; 5 pcs/strip; 0.75 ... 1 mm ²			
	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 mm ² 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)

① 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.

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

③ 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



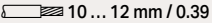
plain 793-5501 5


Double-deck marker carrier; pivoting




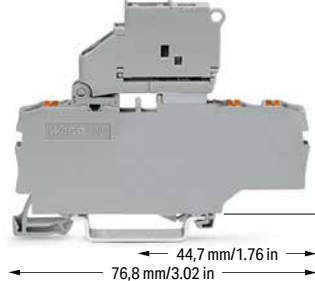
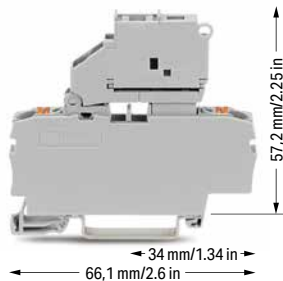
gray 2002-121 50 (25)

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) mm ² ①	22 ... 12 AWG
250 V/6 kV/3 ②	250 V, 6.3 A ^{VA}
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	

Technical Data	
0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
250 V/6 kV/3 ②	250 V, 6.3 A ^{VA}
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	

Technical Data	
0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
250 V/6 kV/3 ②	250 V, 6.3 A ^{VA}
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	



Available June 2019

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

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

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

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

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

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	2202-1601	Page 8


Other terminal blocks with the same profile		
Through	2202-1701	Page 10


Other terminal blocks with the same profile		
Through	2202-1801	Page 12


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)


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

Insulation stop; 5 pcs/strip; 0.25 ... 0.5 mm ²		
	light gray	2002-171

Insulation stop; 5 pcs/strip; 0.75 ... 1 mm ²		
	dark gray	2002-172

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks		
	yellow	2002-115

Push-in type wire jumper; insulated; 1.5 mm ² 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)

① 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.

② 250 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	1.6 W	1.6 W	2.5 W	2.5 W
2202-1811				
2202-1611/...-?...-...				
2202-1711/...-?...-...	1.6 W	1.6 W	2.5 W	2.5 W
2202-1811/...-?...-...				

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.

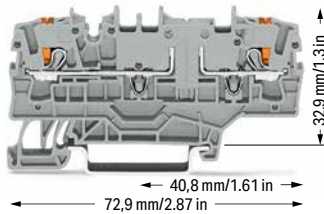
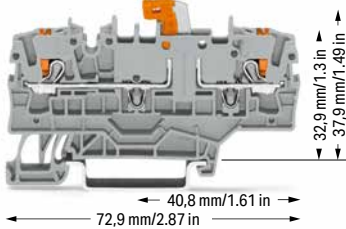
Disconnect/Test Terminal Block; Through Terminal Block and Ground Conductor Terminal Block TOPJOB® S; with Push-Button; with Additional Jumper Slot

2.5 (4) mm²; 2202 Series




Technical Data	
0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
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) mm ² ①	22 ... 12 AWG
400 V/6 kV/3 ②	
I _N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	




Available June 2019




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

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 20
Carrier	2202-1961	

① 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.

② 400 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

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
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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)
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End plate; for modular connector; 1.5 mm thick

	gray	2002-541	100 (25)
---	------	----------	----------

Accessories; 2202 Series

End and intermediate plate; 1 mm thick
Appropriate marking systems: WMB/WMB Inline/Marking strips
Push-in type jumper bar; insulated; I_N 25 A; light gray

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

	dark gray	2002-172	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

	yellow	2002-115	100 (25)
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
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)


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

	1-2 3-4 5-6	2002-406/020-000	25
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Star point jumper; insulated; I_N = I_N terminal block; light gray

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


L-type test plug module; snaps together

	gray	2002-611	100 (25)
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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
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Testing tap; for max. 2.5 mm²

	gray	2009-182	100 (25)
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WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 ... 5.2 mm

	white	2009-115	1
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Marking strip; plain; 11 mm wide; 50 m reel

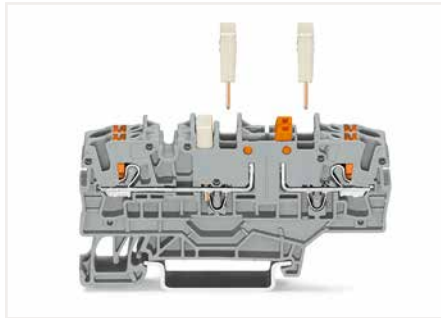
	white	2009-110	1
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WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

	plain	793-5501	5
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Double-deck marker carrier; pivoting

	gray	2002-121	50 (25)
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Three jumper slots available

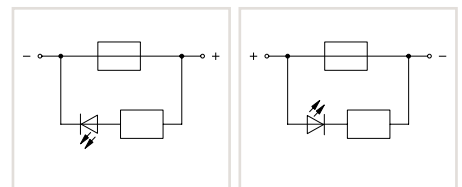
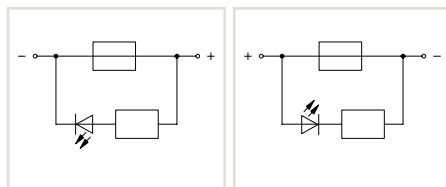
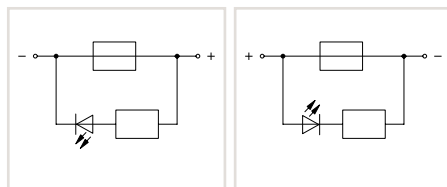
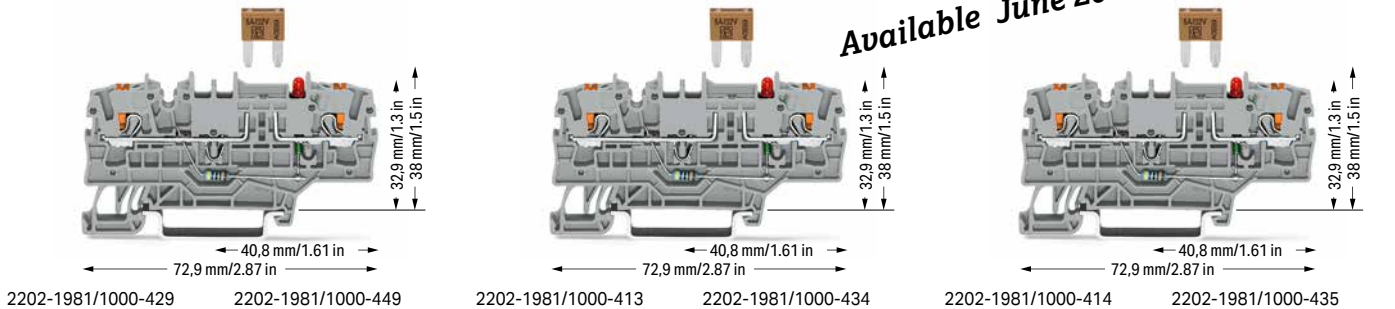
Fuse Terminal Block TOPJOB® S; with Push-Button; for Mini-Automotive Blade-Style Fuse 2.5 (4) mm²; 2202 Series

Technical Data	
0.25 ... 2.5 (4) mm ² ❶	22 ... 12 AWG
400 V/6 kV/3 ❷	12 V, 10 A ❸
I _N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm ² ❶	22 ... 12 AWG
400 V/6 kV/3 ❷	24 V, 10 A ❸
I _N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm ² ❶	22 ... 12 AWG
400 V/6 kV/3 ❷	48 V, 10 A ❸
I _N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 ... 12 mm / 0.39 ... 0.47 inch	

Available June 2019



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!

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!

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	2202-1981/1000-429	50
○ gray	2202-1981/1000-449	50

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

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 18

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 mm ²		
light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 ... 1 mm ²		
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 mm ² 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


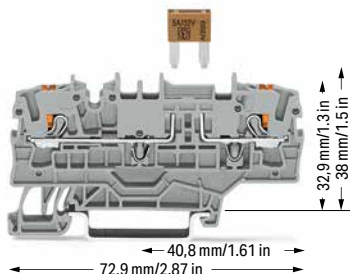
Technical Data

0.25 ... 2.5 (4) mm² ① | 22 ... 12 AWG

400 V/6 kV/3 ② | 250 V, 10 A ③

I_N 10 A ③

Terminal block width: 5.2 mm / 0.205 inch

 10 ... 12 mm / 0.39 ... 0.47 inch


① 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.

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

③ 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
-------	----------	---



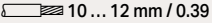
Double-deck marker carrier; pivoting


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



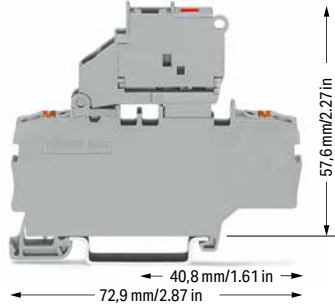
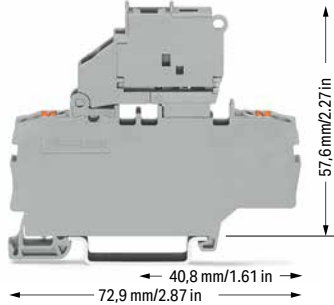
PUSH-IN CAGE CLAMP®

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) mm ² ①	22 ... 12 AWG
250 V/6 kV/3 ②	600 V, 6,3 A ^{III}
I _N 6.3 A	
Terminal block width: 6.2 mm / 0.244 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
250 V/6 kV/3 ②	30 V, 6.3 A ^{III}
I _N 6.3 A	
Terminal block width: 6.2 mm / 0.244 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

- ① 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.
- ② 250 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

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.

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

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

	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

Available June 2019

Other terminal blocks with the same profile		
Through	2202-1901	Page 18

Other terminal blocks with the same profile		
Through	2202-1901	Page 18

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

Miniature fuses 5 x 20

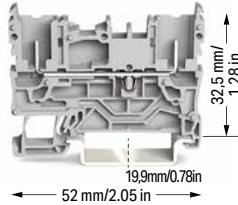
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fuse terminal blocks				
2202-1911	1.6 W	1.6 W	2.5 W	2.5 W
2202-1911/.....	1.6 W	1.6 W	2.5 W	2.5 W

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.

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 ①	
I _N 24 A(32 A) ②	
Terminal block width: 5.2 mm / 0.205 in	

Available June 2019



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	

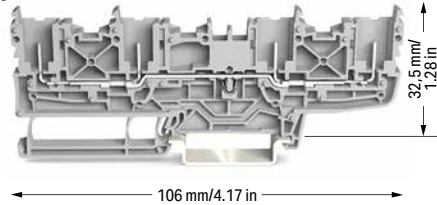
Delta jumper; insulated; I _N = I _N terminal block; light gray			
1-2 3-4 5-6	2002-406/020-000	25	

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	

Technical Data	
690 V/6 kV/3 ①	
I _N 24 A (27 A) ②	
Terminal block width: 5.2 mm / 0.205 in	

Available September 2019



4-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2022-1801	50
blue	2022-1804	50
orange	2022-1802	50

4-pin ground carrier terminal block		
Color	Item No.	Pack. Unit
green-yellow	2022-1807	50

Item-Specific Accessories			
End plate; 1 mm thick			
orange	2022-1892	100 (25)	
gray	2022-1891	100 (25)	

Accessories; 2022 Series
Appropriate marking systems: WMB/WMB Inline/Marking strips

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 mm ² 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	

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

② 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

Accessories; 2022 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

1-conductor female plug			
gray	2022-101	200	

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	

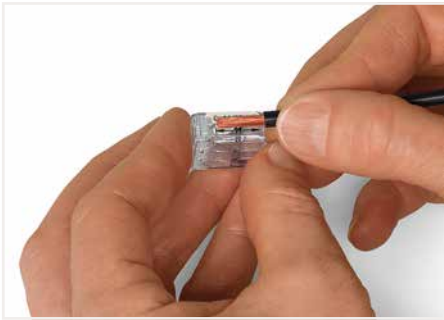
WMB marker card; plain; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm			
yellow	793-5501/000-002	5	
red	793-5501/000-005	5	
blue	793-5501/000-006	5	
gray	793-5501/000-007	5	
orange	793-5501/000-012	5	
light green	793-5501/000-017	5	
green	793-5501/000-023	5	
violet	793-5501/000-024	5	

Screwless end stop; for DIN-35 rail; 6 mm wide			
gray	249-116	100 (25)	

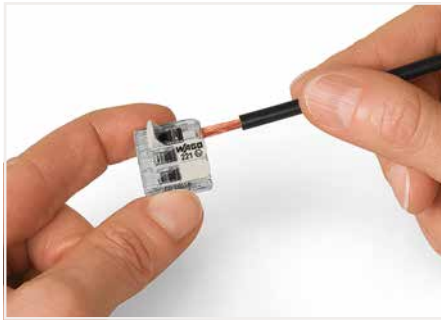
Screwless end stop; for DIN-35 rail; 10 mm wide			
gray	249-117	50 (25)	

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

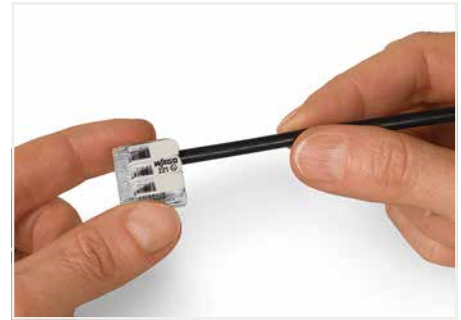
Description and Installation



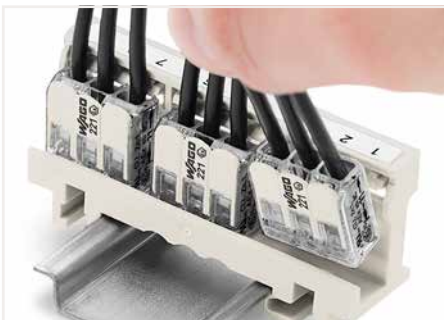
Strip conductor to 11 mm (0.43 inch).



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.



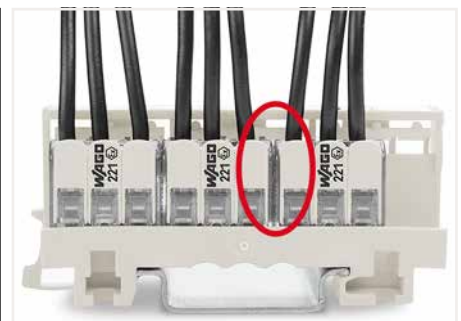
Removing a conductor.



Mounting type (440 V)
Using spacers between the connectors.



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



Mounting type (275 V)
No spacers are used between the connectors.



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

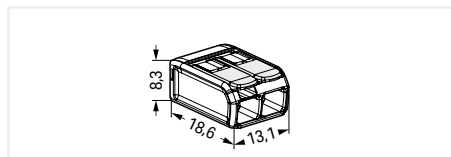
COMPACT Splicing Connector for All Conductor Types and Mounting Carrier; fo Ex eb Applications

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 mm ² "s+str"	24 ... 12 AWG "s+st"
0.14 ... 4 mm ² "f-st"	24 ... 12 AWG "f-st"
440 V (275 V) ①	440 V (275 V), 20 A. Ⓔ ①
I _N 24.5 A	
Operating temperature: -55°C ... +105°C	
11 mm / 0.43 inch	



Dimensions in mm



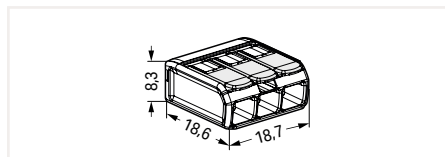
COMPACT splicing connector for all conductor types; for Ex eb applications; max. 4 mm²; 2-wire connector; with levers; Transparent housing; Light gray lever; Operating temperature (max.): 105 °C

Item No.	Pack. Unit
221-482 ②	1000 (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 mm ² "s+str"	24 ... 12 AWG "s+st"
0.14 ... 4 mm ² "f-st"	24 ... 12 AWG "f-st"
440 V (275 V) ①	440 V (275 V), 20 A. Ⓔ ①
I _N 32 A	
Operating temperature: -55°C ... +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 ②	500 (50)

① 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.

② Only approved in conjunction with a mounting carrier (221-501). Other carriers are possible, see certificate/file.
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.

Approvals and corresponding ratings, visit www.wago.com

6 mm² variants upon request

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 provides added value to the installer
- 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



Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (4 mm ²); 17.5 mm wide		
Color	Item No.	Pack. Unit
○ light gray	221-501	50 (10)

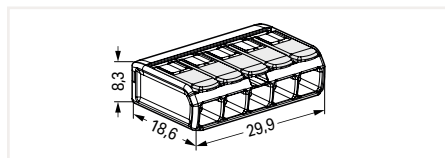
Item-Specific Accessories

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

white	210-334	100
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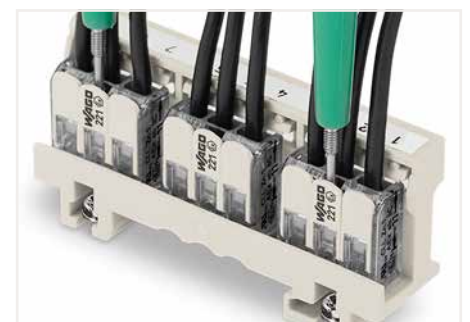


Dimensions in mm



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

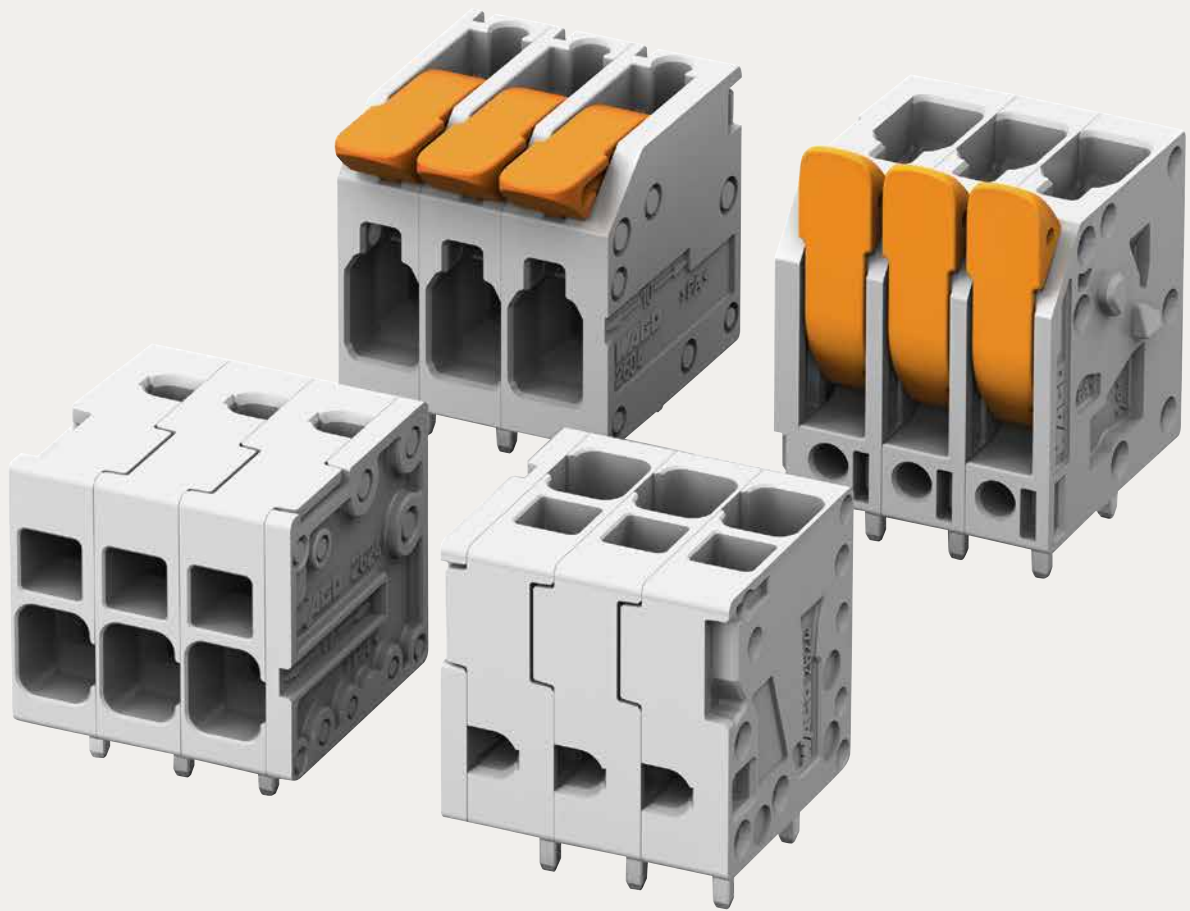
Item No.	Pack. Unit
221-485 ②	250 (25)



Easily test inserted connectors in the carrier – without considering the type of mounting.









Wiring example in an Ex junction box



WAGO PCB Terminal Blocks and WAGO Connectors

Volume 2, WAGO PCB Terminal Blocks and WAGO Connectors

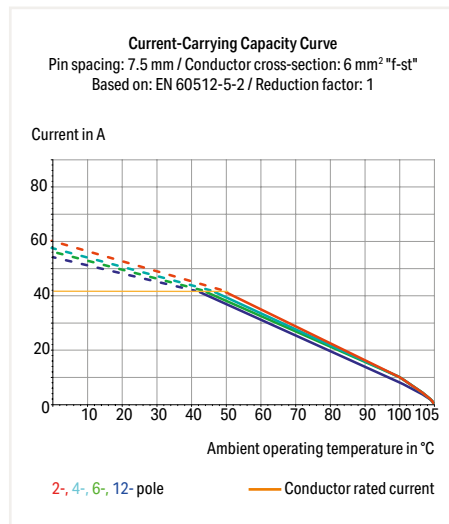
		Nominal Cross-Section	Series	Page
	PCB Terminal Blocks ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	6 mm ²	2606	28
		16 mm ²	2616	30
	PCB Terminal Blocks ▶ Actuation type: Operating tool ▶ Push-in CAGE CLAMP®	6 mm ²	2626	32
		16 mm ²	2636	34
	1-Conductor Female Connectors ▶ MCS MAXI 6 ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	6 mm ²	831	36
	1-Conductor Male Connectors ▶ MCS MAXI 6 ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	6 mm ²	831	38
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 3.5		2091	40
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 5.0		2092	42
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 7.5		2092	44
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 3.5		2091	46
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 5.0		2092	48
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 7.5		2092	50

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



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 mm ² / 24 ... 8 AWG
Fine-stranded conductor	0.2 ... 10 mm ² / 24 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 6 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 6 mm ²
Fine-stranded conductor, with twin ferrule	0.25 ... 2.5 mm ²

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
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UL/CSA approval pending

Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

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

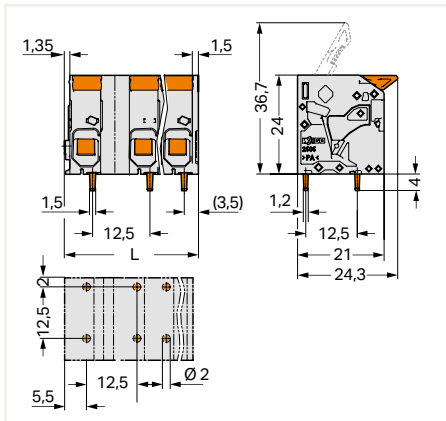
Conductor entry angle to the PCB: 0°

Conductor entry angle to the PCB: 90°

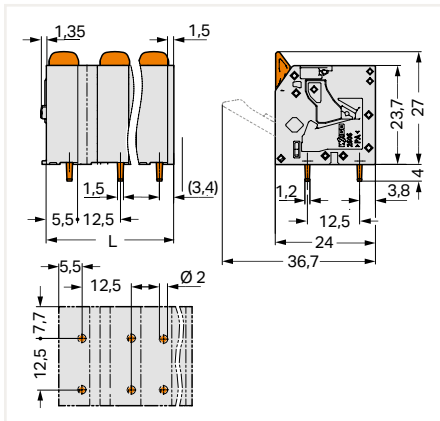


Pole No.	Item No.	PU
2	2606-1352	
3	2606-1353	
4	2606-1354	
5	2606-1355	
6	2606-1356	
7	2606-1357	
8	2606-1358	
9	2606-1359	
10	2606-1360	
11	2606-1361	
12	2606-1362	

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



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/>:

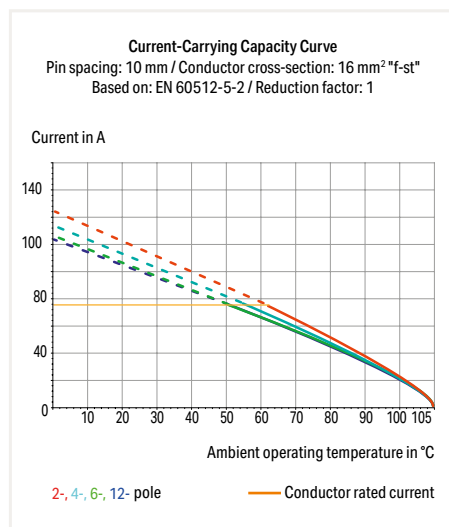
- Other pole numbers
- Direct marking
- Other colors

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



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 mm ² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm ² / 18 ... 4 AWG
Fine-stranded conductor with ferrule with plastic collar	0.75 ... 16 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.75 ... 16 mm ²
Fine-stranded conductor, with twin ferrule	0.75 ... 6 mm ²

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
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UL/CSA approval pending

Additional information, see "Technical Section"

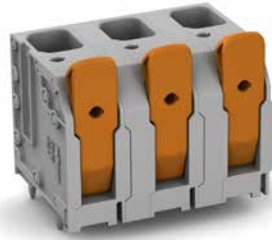
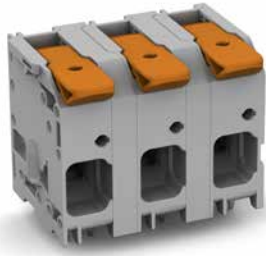
Approvals and corresponding ratings, visit www.wago.com

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

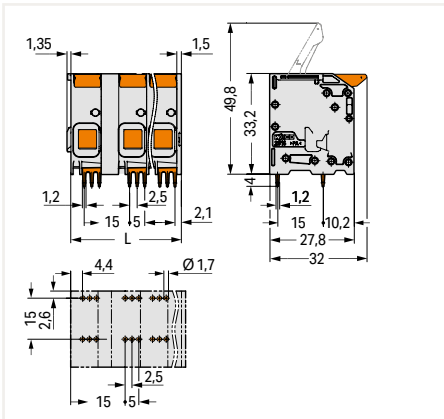
Conductor entry angle to the PCB: 0°

Conductor entry angle to the PCB: 90°

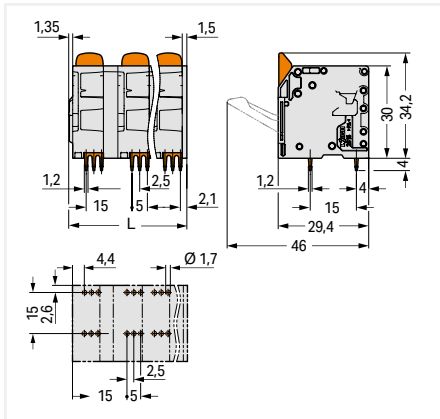


Pole No.	Item No.	PU
2	2616-1352	
3	2616-1353	
4	2616-1354	
5	2616-1355	
6	2616-1356	
7	2616-1357	
8	2616-1358	

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



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/>:

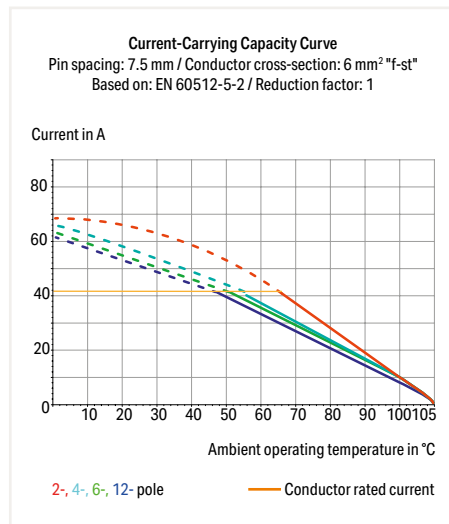
- Other pole numbers
- Direct marking
- Other colors

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 mm ² / 24 ... 8 AWG
Fine-stranded conductor	0.2 ... 10 mm ² / 24 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 6 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 6 mm ²
Fine-stranded conductor, with twin ferrule	0.25 ... 2.5 mm ²

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
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Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

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

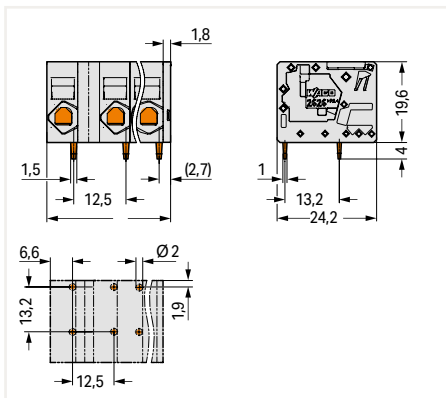
Conductor entry angle to the PCB: 0°

Conductor entry angle to the PCB: 90°

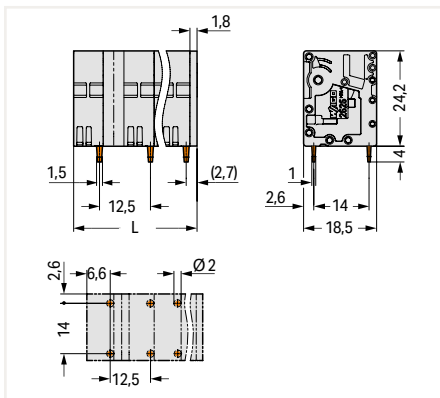


Pole No.	Item No.	PU
2	2626-1352	
3	2626-1353	
4	2626-1354	
5	2626-1355	
6	2626-1356	
7	2626-1357	
8	2626-1358	
9	2626-1359	
10	2626-1360	
11	2626-1361	
12	2626-1362	

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



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/>:

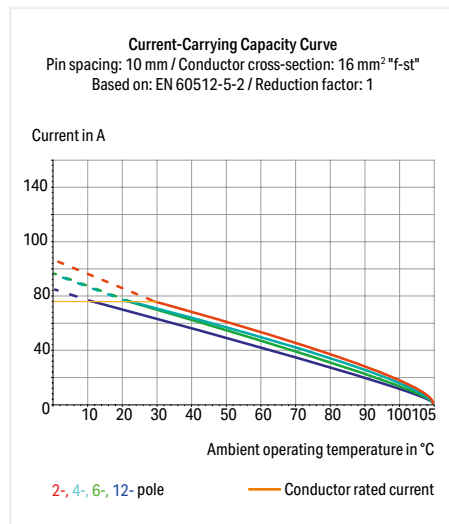
- Other pole numbers
- Direct marking
- Other colors

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 mm ² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm ² / 18 ... 4 AWG
Fine-stranded conductor with ferrule with plastic collar	0.75 ... 16 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.75 ... 16 mm ²
Fine-stranded conductor, with twin ferrule	0.75 ... 6 mm ²

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
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UL/CSA approval pending

Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

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

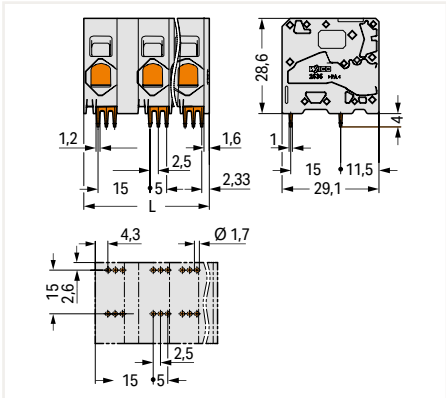
Conductor entry angle to the PCB: 0°

Conductor entry angle to the PCB: 90°

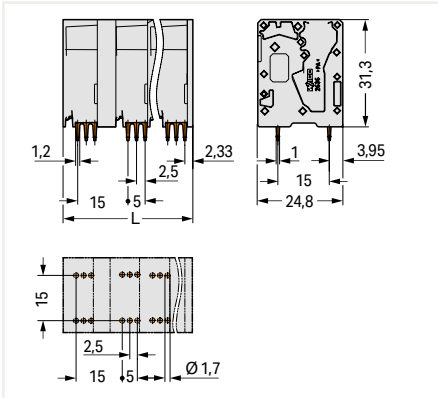


Pole No.	Item No.	PU
2	2636-1352	
3	2636-1353	
4	2636-1354	
5	2636-1355	
6	2636-1356	
7	2636-1357	
8	2636-1358	

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



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

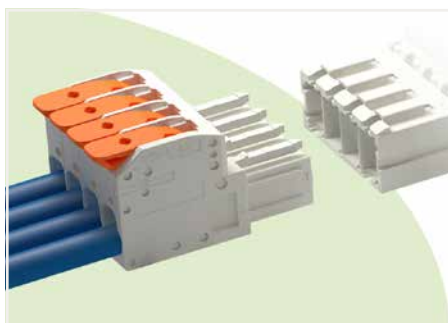
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

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 mismatching
- 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 mm ² / 20 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 ... 6 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.5 ... 6 mm ²

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
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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.

Additional information, see "Technical Section"

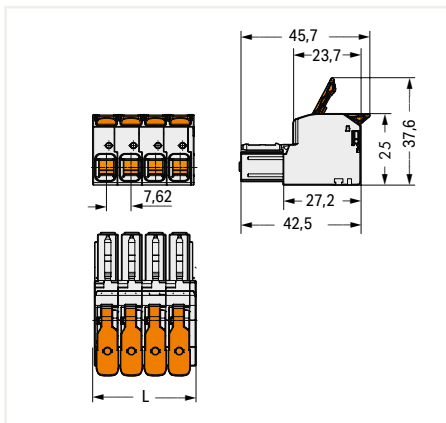
Approvals and corresponding ratings, visit www.wago.com

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



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 9.5 \text{ mm}$

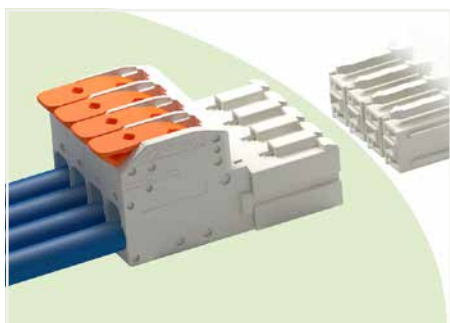
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

- Other pole numbers

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 mismatching
- 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 mm ² / 20 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5 ... 6 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.5 ... 6 mm ²

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
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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.

Additional information, see "Technical Section"

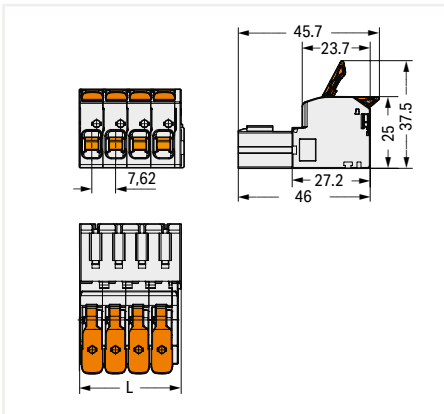
Approvals and corresponding ratings, visit www.wago.com

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



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 9.5 \text{ mm}$

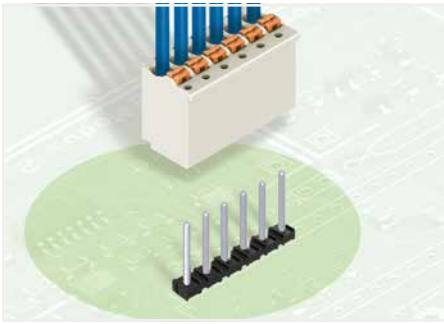
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

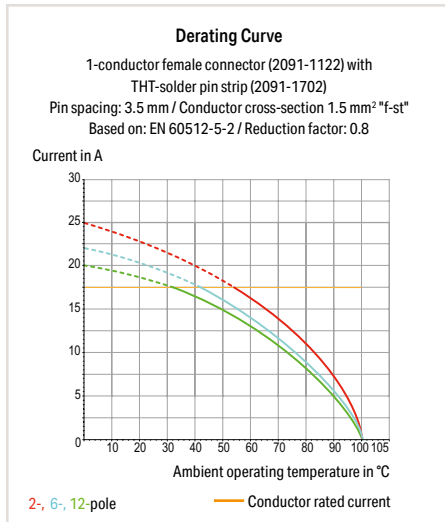
- Other pole numbers

THT Solder Pin Strip ▶ *picoMAX*[®] 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
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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.

Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

THT Solder Pin Strip ▶ *picoMAX*® 3.5 ▶ 2091 Series

Pin spacing: 3.5 mm (0.138 inch) ▶ Color: black

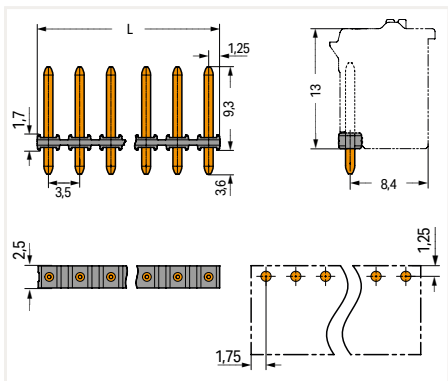
Mating direction to the PCB: 90°

Mating direction to the PCB: 0°

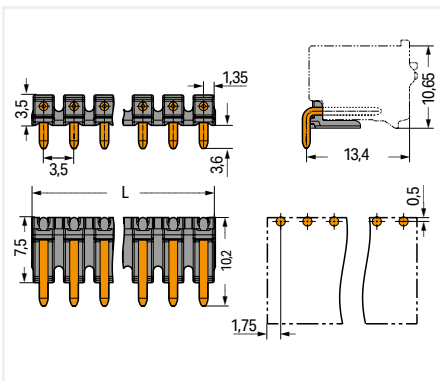


Pole No.	Item No.	PU
2	2091-1702	600
3	2091-1703	600
4	2091-1704	600
5	2091-1705	400
6	2091-1706	400
7	2091-1707	400
8	2091-1708	400
10	2091-1710	400
12	2091-1712	400

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



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 2.5 \text{ mm}$



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 2.7 \text{ mm}$

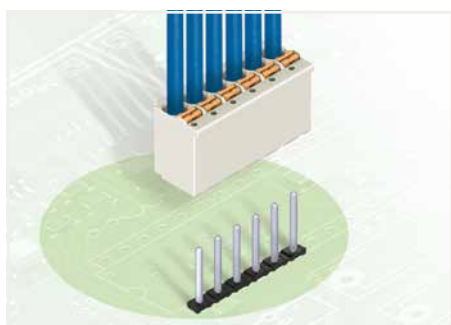
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

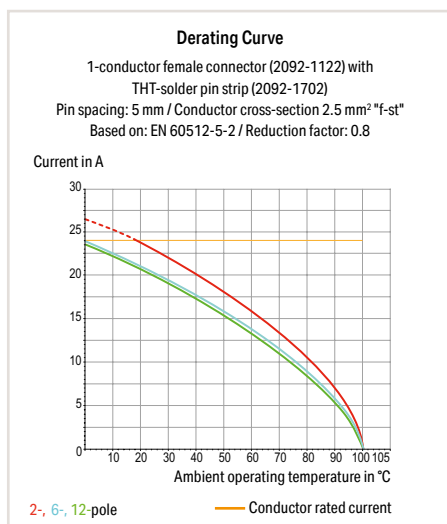
- Other pole numbers

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
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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.

Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

THT Solder Pin Strip ▶ *picoMAX*® 5.0 ▶ 2092 Series

Pin spacing: 5 mm (0.197 inch) ▶ Color: black

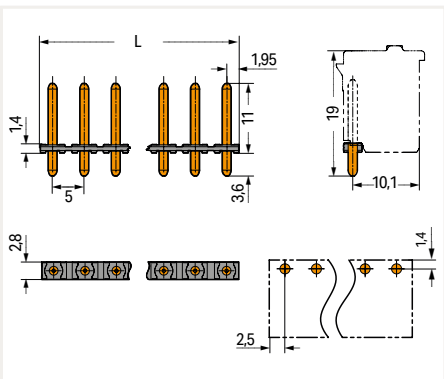
Mating direction to the PCB: 90°

Mating direction to the PCB: 0°

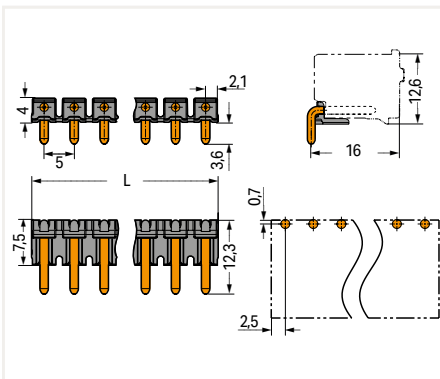


Pole No.	Item No.	PU
2	2092-1702	400
3	2092-1703	400
4	2092-1704	400
5	2092-1705	400
6	2092-1706	400
7	2092-1707	400
8	2092-1708	400
9	2092-1709	300
10	2092-1710	300
12	2092-1712	300

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



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 3.9 \text{ mm}$



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$

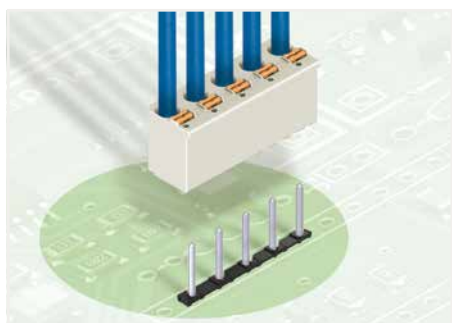
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

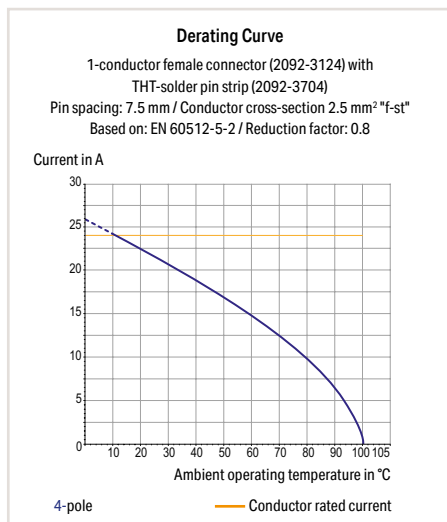
- Other pole numbers

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



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.

Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

THT Solder Pin Strip ▶ *picoMAX*® 7.5 ▶ 2092 Series

Pin spacing: 7.5 mm (0.295 inch) ▶ Color: black

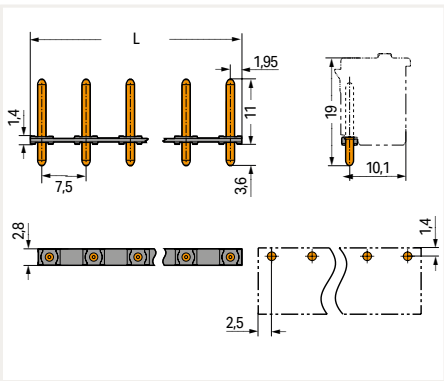
Mating direction to the PCB: 90°

Mating direction to the PCB: 0°

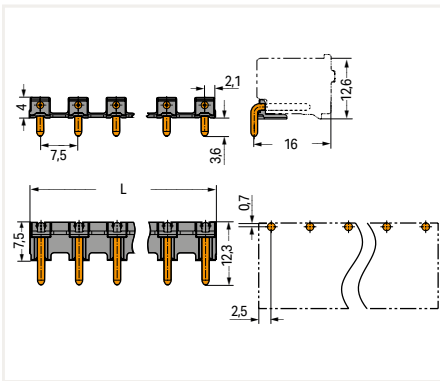


Pole No.	Item No.	PU
2	2092-3702	400
3	2092-3703	400
4	2092-3704	400
5	2092-3705	400

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 + 3.9 mm



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

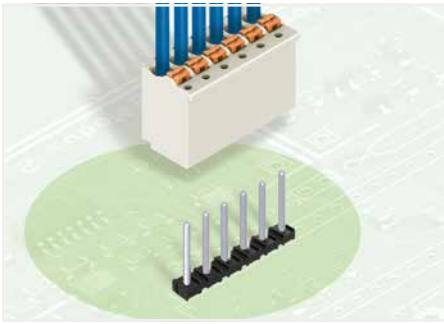
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

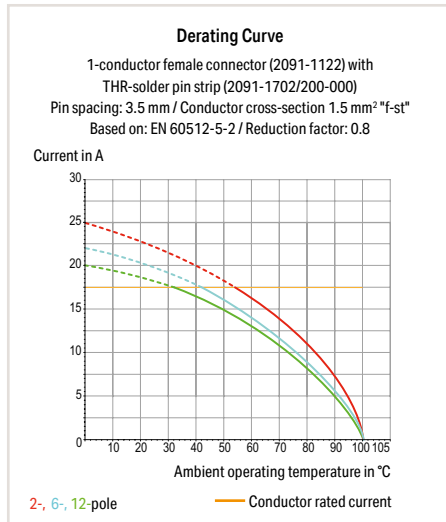
- Other pole numbers

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.

Additional information, see "Technical Section"

Approvals and corresponding ratings,
visit www.wago.com

THR Solder Pin Strip ▶ *picoMAX*® 3.5 ▶ 2091 Series

Pin spacing: 3.5 mm (0.138 inch) ▶ Color: black

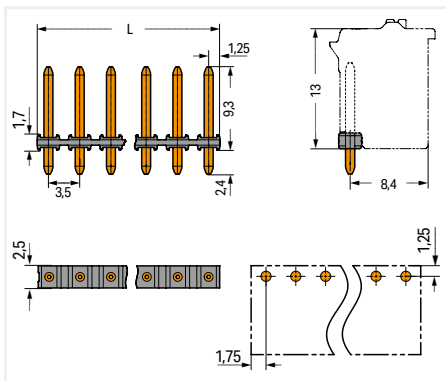
Mating direction to the PCB: 90°

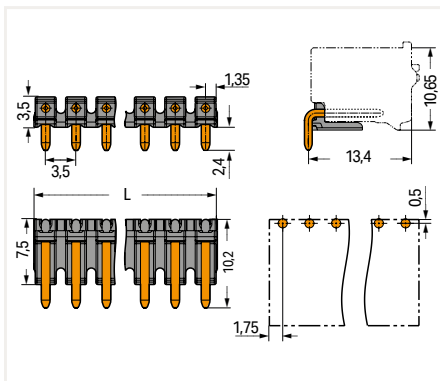
Mating direction to the PCB: 0°



Pole No.	Item No.	PU
2	2091-1702/200-000	600
3	2091-1703/200-000	600
4	2091-1704/200-000	600
5	2091-1705/200-000	400
6	2091-1706/200-000	400
7	2091-1707/200-000	400
8	2091-1708/200-000	400
10	2091-1710/200-000	400
12	2091-1712/200-000	400

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



$$L = (\text{pole no.} - 1) \times \text{pin spacing} + 2.5 \text{ mm}$$


$$L = (\text{pole no.} - 1) \times \text{pin spacing} + 2.7 \text{ mm}$$

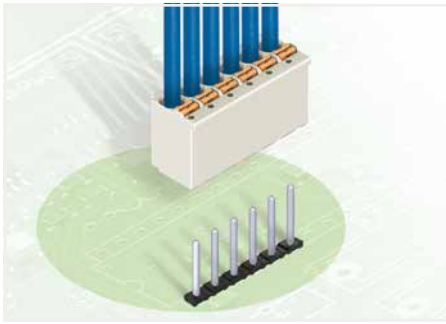
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

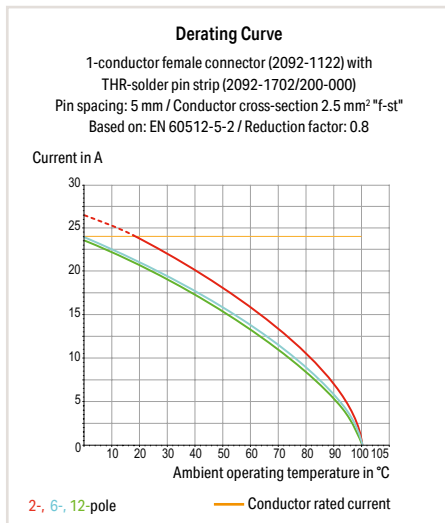
- Other pole numbers

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.

Additional information, see "Technical Section"

Approvals and corresponding ratings, visit www.wago.com

THR Solder Pin Strip ▶ *picoMAX*® 5.0 ▶ 2092 Series

Pin spacing: 5 mm (0.197 inch) ▶ Color: black

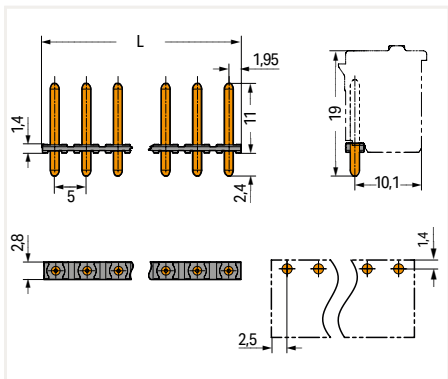
Mating direction to the PCB: 90°

Mating direction to the PCB: 0°

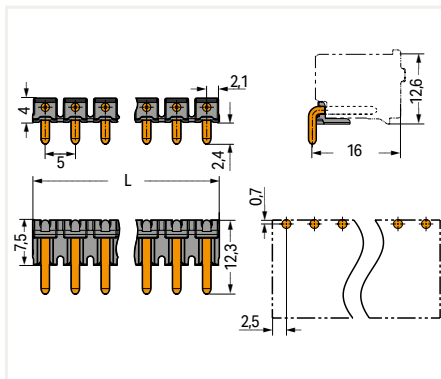


Pole No.	Item No.	PU
2	2092-1702/200-000	400
3	2092-1703/200-000	400
4	2092-1704/200-000	400
5	2092-1705/200-000	400
6	2092-1706/200-000	400
7	2092-1707/200-000	400
8	2092-1708/200-000	400
9	2092-1709/200-000	300
10	2092-1710/200-000	300
12	2092-1712/200-000	300

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



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 3.9 \text{ mm}$



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$

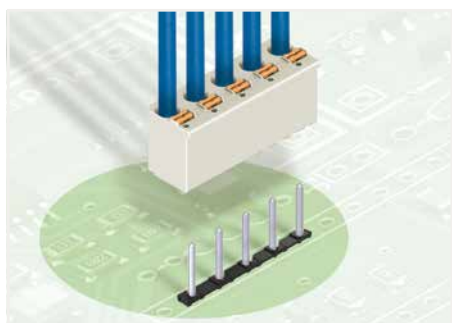
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

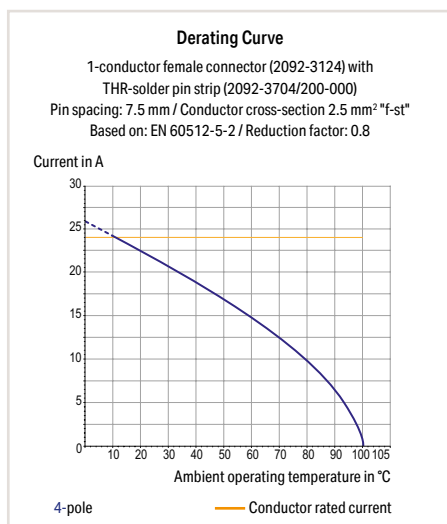
- Other pole numbers

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.

Additional information, see "Technical Section"

Approvals and corresponding ratings,
visit www.wago.com

THR Solder Pin Strip ▶ *picoMAX*® 7.5 ▶ 2092 Series

Pin spacing: 7.5 mm (0.295 inch) ▶ Color: black

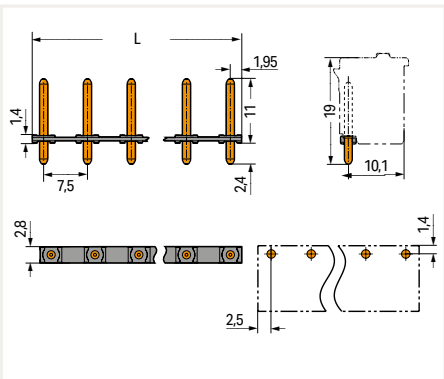
Mating direction to the PCB: 90°

Mating direction to the PCB: 0°

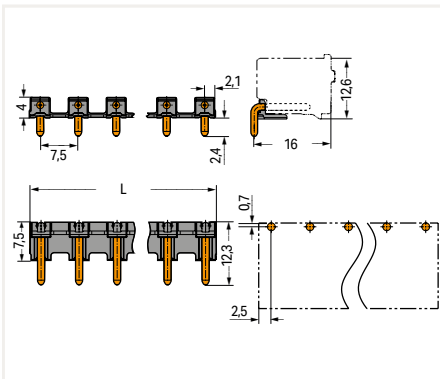


Pole No.	Item No.	PU
2	2092-3702/200-000	400
3	2092-3703/200-000	400
4	2092-3704/200-000	400
5	2092-3705/200-000	400

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 + 3.9 mm



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

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	WAGO Configuration Software Smart Designer	55

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

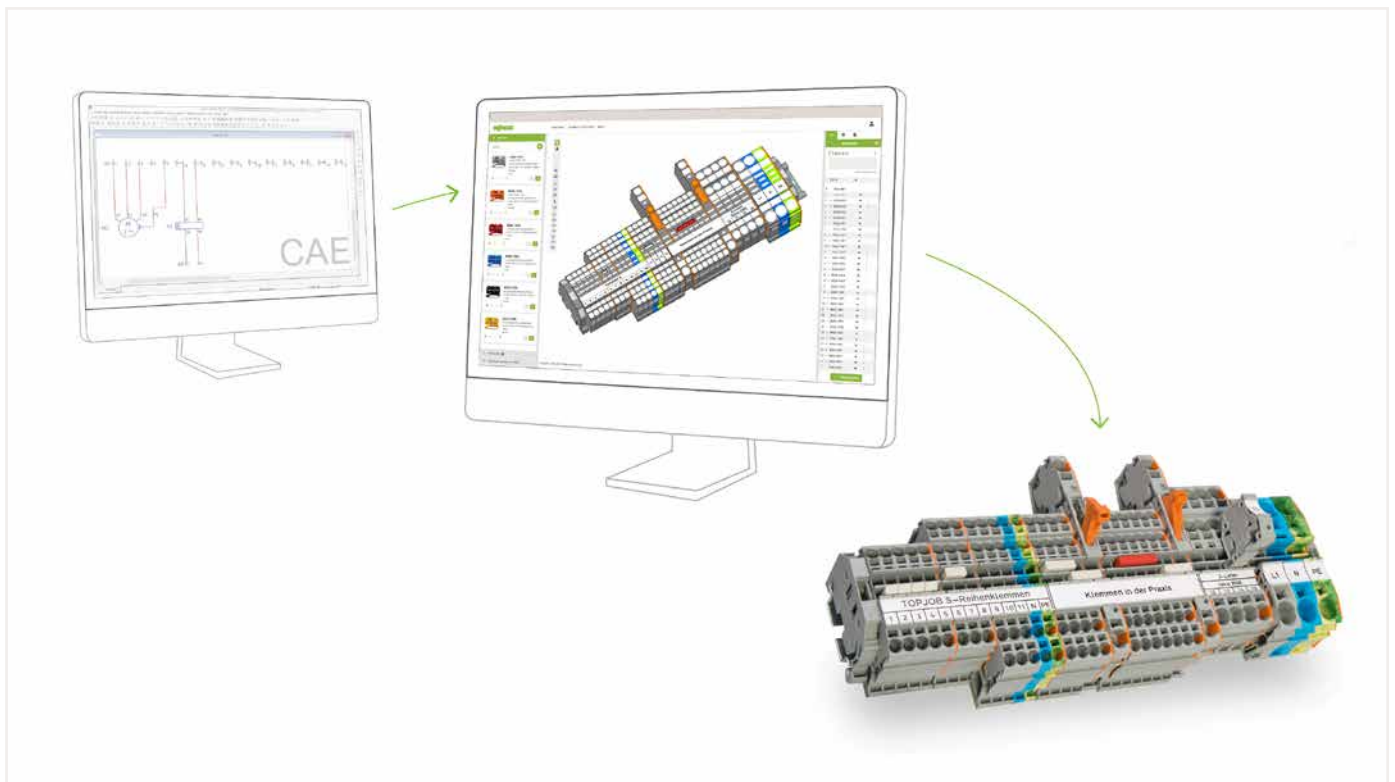
Smart Designer in HTML5

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

Never use this tool on or near live electrical circuits!



Cable knife; for \varnothing 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 \varnothing 4 ... 70 mm / 0.16 ... 2.75 inch; including all cable brackets in a Sortimo® Box

	Item No.	Pack. Unit
	206-1400	1

Item-Specific Accessories

Cable bracket; for \varnothing 4 ... 16 mm / 0.16 ... 0.63 inch

206-1411	1
----------	---

Cable bracket; for \varnothing 8 ... 28 mm / 0.31 ... 1.10 inch

206-1412	1
----------	---

Cable bracket; for \varnothing 27 ... 35 mm / 1.06 ... 1.38 inch

206-1413	1
----------	---

Cable bracket; for \varnothing 35 ... 50 mm / 1.38 ... 1.97 inch

206-1414	1
----------	---

Cable bracket; for \varnothing 50 ... 70 mm / 1.97 ... 2.75 inch

206-1415	1
----------	---

Accessories

Spare inside blade

206-1418	3
----------	---

Spare hook blade

206-1419	1
----------	---



Cable Stripper



In-socket cable stripper; for \varnothing 8 ... 13 mm / 5/16 ... 1/2 inch

	Item No.	Pack. Unit
	206-1441	1



Universal cable stripper; for \varnothing 8 ... 13 mm / 5/16 ... 1/2 inch

	Item No.	Pack. Unit
	206-1442	1



Data cable stripper; for \varnothing 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
- \varnothing 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
- \varnothing 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
- \varnothing 4.5 ... 10 mm / 3/16 ... 3/8 inch



Stripping a cable sheath.



Built-in handy knife



Stripping a wire insulation.

Cable Stripper



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.

Stripping pliers; for sensor cables; for Ø 3.2 ... 4.4 mm / 0.13 ... 0.17 inch

Item No.	Pack. Unit
206-1481	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 3.2 ... 4.4 mm / 0.13 ... 0.17 inch

206-1491	1
----------	---

Item-Specific Accessories

Replacement blade set; for Ø 4.4 ... 7 mm / 0.17 ... 0.27 inch

206-1492	1
----------	---

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

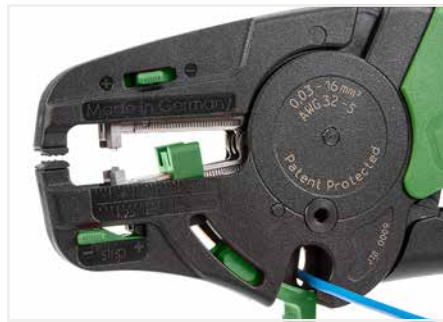
206-1129 1

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

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; large

206-1205	1
----------	---

Spring clamp; small

206-1206	1
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Spring clamp; small

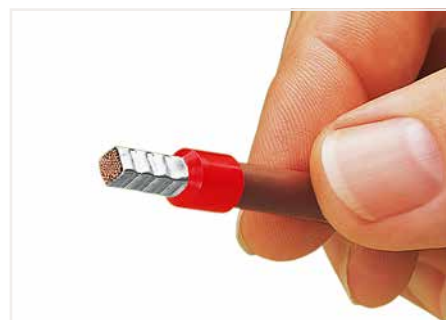
206-1206	1
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PUR spring set

206-1207	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.



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



Insert the ferruled conductor into the crimping station.



Squeeze handles until ratchet mechanism is released.



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.

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Notes

A large grid of graph paper for taking notes. The grid consists of 30 columns and 35 rows of small squares, providing ample space for writing or drawing.

Notes

