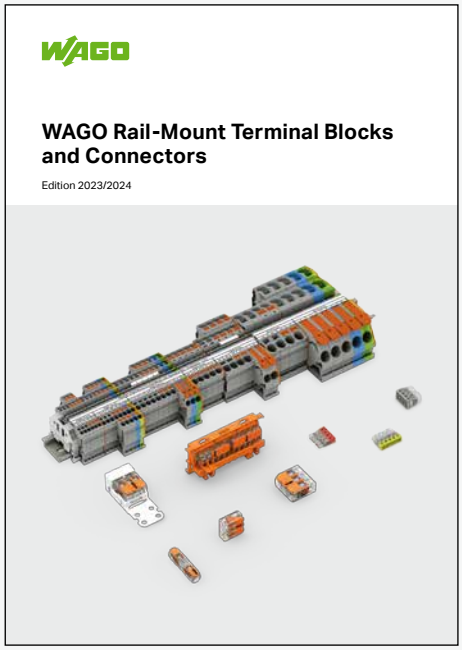
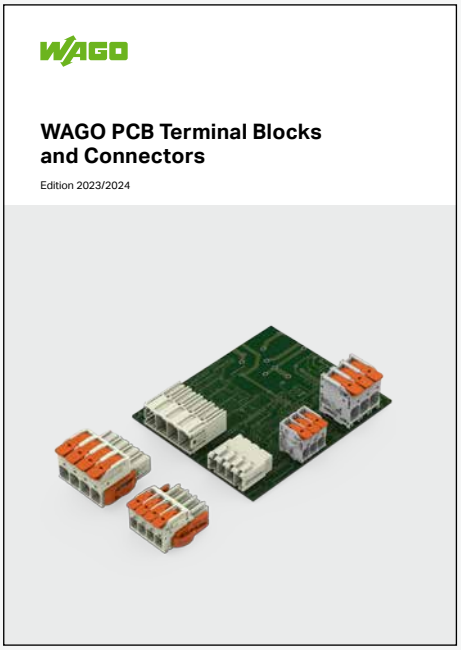
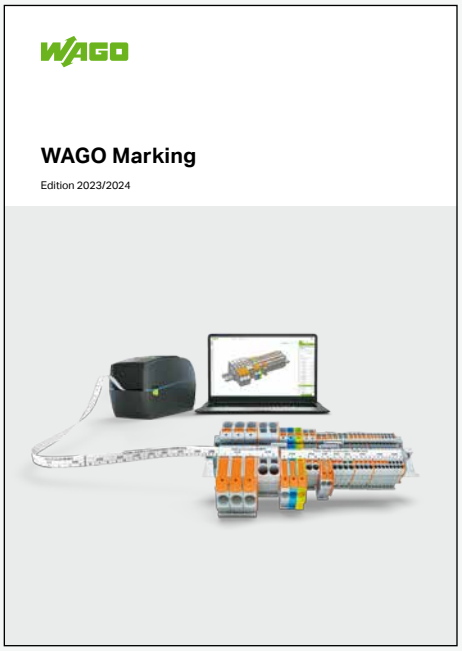
Electrical Interconnection

Supplementary Catalog

Edition 2024/1







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

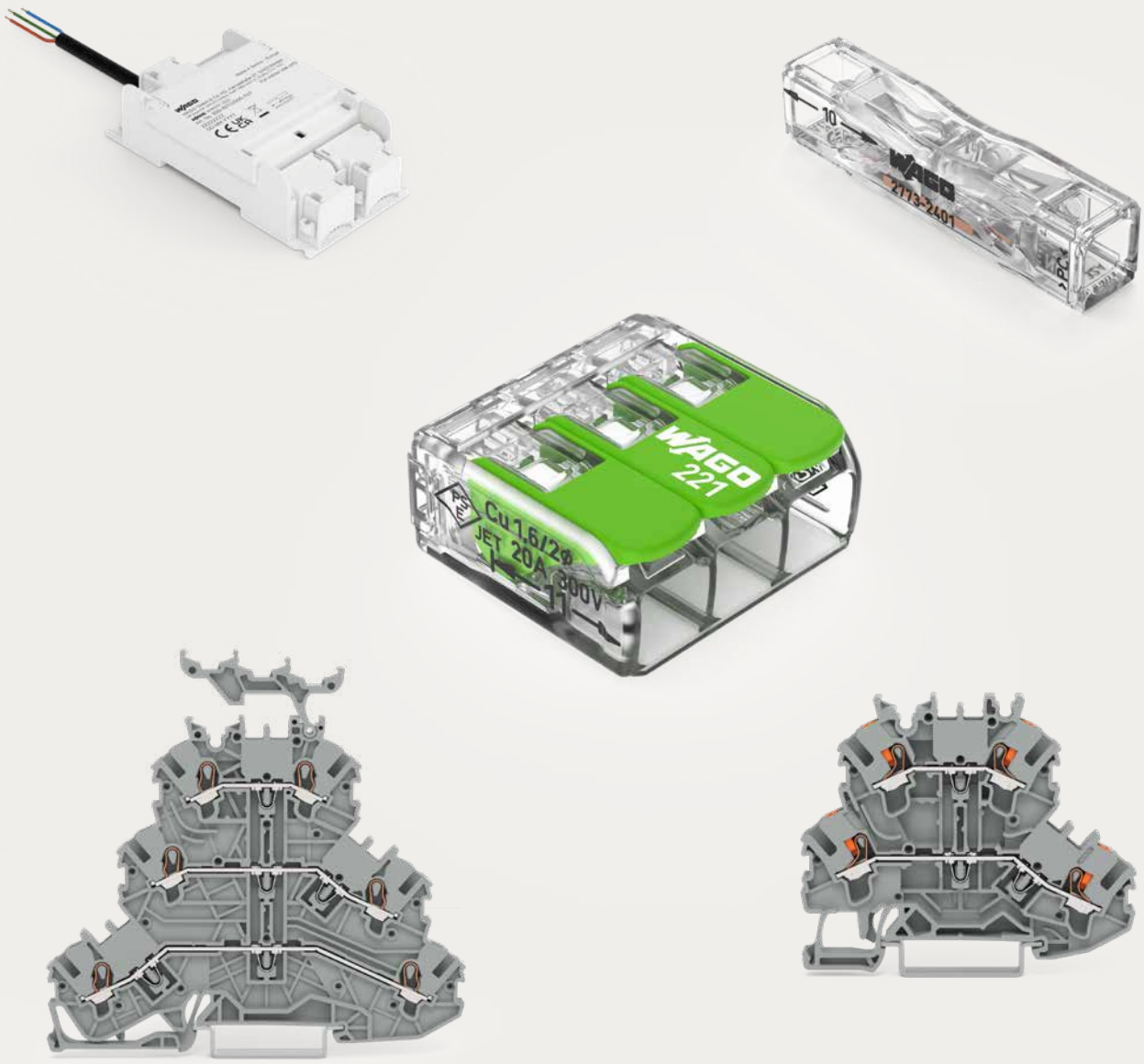
WAGO Marking

WAGO Pluggable Connection System *WINSTA®*

WAGO PCB Terminal Blocks and Connectors

WAGO Rail-Mount Terminal Blocks and Connectors

Supplementary Catalog – Electrical Interconnections

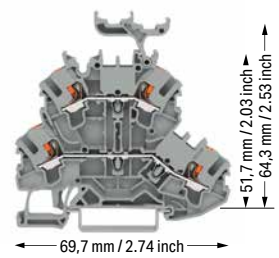


WAGO Rail-Mount Terminal Blocks and Connectors

WAGO Rail-Mount Terminal Blocks and Connectors

Double-Deck Terminal Block TOPJOB® S ▸ with Push-Button
1 (1.5) mm² ▸ 2200 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 10 A
I_N 13,5 A (16 A)	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block ▸ through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
L/L	2200-2231 ❹	50
N/L	2200-2232 ❹	50
L/N	2200-2233 ❹	50

Double-deck terminal block ▸ through/through terminal block ▸ withmarker carrier ▸ orange

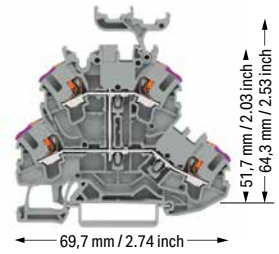
	2200-2236 ❹	50

Double-deck terminal block ▸ through/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
L/L	2200-2201 ❹	50
N/L	2200-2202 ❹	50
L/N	2200-2203 ❹	50

Double-deck terminal block; through/through terminal block; without marker carrier; orange

N/L	2200-2206 ❹	50



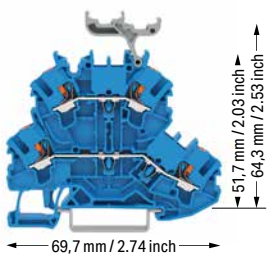
Double-deck terminal block ▸ 4-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ violet conductor entry ▸ gray

	Item No.	Pack. Unit
L	2200-2238 ❹	50

Double-deck terminal block ▸ 4-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ violet conductor entry ▸ gray

L	2200-2208 ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 10 A
I_N 13,5 A (16 A)	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

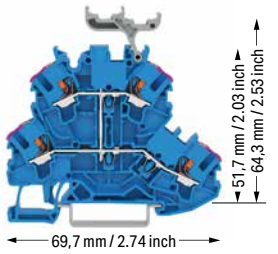


Double-deck terminal block ▸ through/through terminal block ▸ with marker carrier ▸ blue

	Item No.	Pack. Unit
N/N	2200-2234 ❸ ❹	50

Double-deck terminal block ▸ through/through terminal block ▸ without marker carrier ▸ blue

	Item No.	Pack. Unit
N/N	2200-2204 ❸ ❹	50



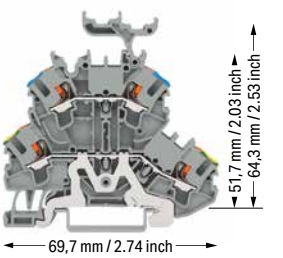
Double-deck terminal block ▸ 4-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ violet conductor entry ▸ blue

	Item No.	Pack. Unit
N	2200-2239 ❸ ❹	50

Double-deck terminal block ▸ 4-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ violet conductor entry ▸ blue

N	2200-2209 ❸ ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 10 A
I_N 13,5 A (16 A)	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

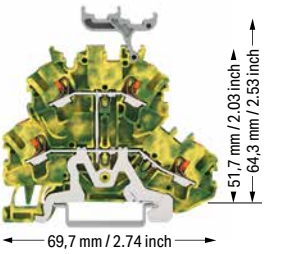


Double-deck terminal block ▸ ground conductor/through terminal block ▸ with marker carrier ▸ blue

	Item No.	Pack. Unit
PE/N	2200-2247 ❹	50
PE/L	2200-2257 ❹	50

Double-deck terminal block ▸ ground conductor/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
PE/N	2200-2217 ❹	50
PE/L	2200-2227 ❹	50



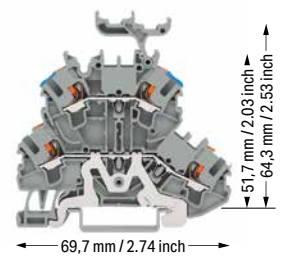
Double-deck terminal block ▸ 4-conductor ground terminal block ▸ with marker carrier ▸ internally commoned ▸ green-yellow

	Item No.	Pack. Unit
PE	2200-2237 ❹	50

Double-deck terminal block ▸ 4-conductor ground terminal block ▸ without marker carrier ▸ internally commoned ▸ green-yellow

PE	2200-2207 ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 10 A
I_N 13,5 A (16 A)	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block ▸ shield/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
Shield/N	2200-2248	50
Shield/L	2200-2258	50

Double-deck terminal block ▸ shield/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
Shield/N	2200-2218	50
Shield/L	2200-2228	50

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st";
Push-in termination: 0.5 … 1.5 mm² "s" and
0.5 … 0.75 mm² "insulated ferrules; 10 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

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

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

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
320 V; 13 A
12 A jumper

Please observe the application notes:
Jumpers, from page 182
Testing accessories, page 181
Marking, from page 684

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate ▸ 0.7 mm thick

orange	2000-2292	25
gray	2000-2291	25

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

125.5 mm	209-192	50 (25)

Push-in type jumper bar ▸ insulated ▸ I_N 13.5 A ▸ light gray

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

Push-in type jumper bar ▸ insulated ▸ I_N 13.5 A ▸ light gray

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

Double-deck vertical jumper ▸ insulated ▸ I_N 13.5 A

light gray	2000-492	100 (25)

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

yellow	2000-115	100 (25)

Test plug adapter ▸ for 4 mm Ø test plug

gray	2009-174	100 (25)

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Testing tap ▸ for max. 2.5 mm²

gray	2009-182	100 (25)

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

white	2009-110	1

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

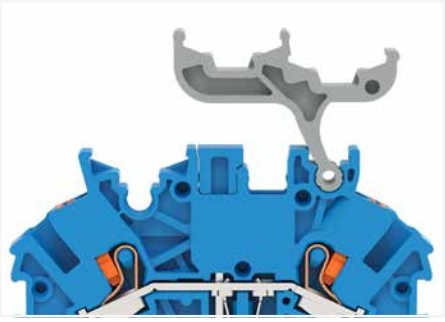
white	2009-113	1

WMB marking card ▸ white ▸ 10 strips with 10 markers/card ▸ for 3.5 mm terminal block width

plain	793-3501	5

Double-deck marker carrier ▸ pivoting

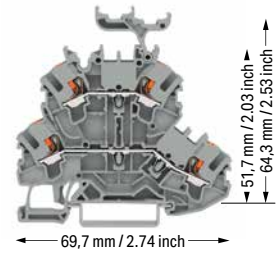
gray	2000-121	50 (25)



Double-deck terminal blocks:
A double-deck marker carrier (2000-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

Double-Deck Terminal Block TOPJOB® S ▸ with Push-Button
2.5 (4) mm² ▸ 2202 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V / 6 kV / 3 ❷	300 V, 20 A
I_N 23 A (28 A)	300 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck terminal block ▸ through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
L/L	2202-2231 ❹	50
N/L	2202-2232 ❹	50
L/N	2202-2233 ❹	50

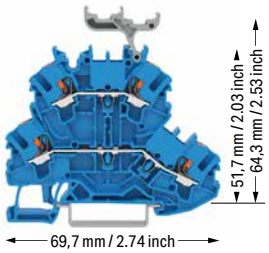
Double-deck terminal block ▸ through/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
L/L	2202-2201 ❹	50
N/L	2202-2202 ❹	50
L/N	2202-2203 ❹	50

Double-deck terminal block ▸ through/through terminal block ▸ without marker carrier ▸ orange

	Item No.	Pack. Unit
N/L	2202-2206 ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V / 6 kV / 3 ❷	300 V, 20 A
I_N 23 A (28 A)	300 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



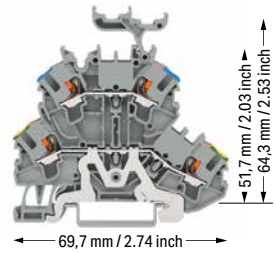
Double-deck terminal block ▸ through/through terminal block ▸ with marker carrier ▸ blue

	Item No.	Pack. Unit
N/N	2202-2234 ❸ ❹	50

Double-deck terminal block ▸ through/through terminal block ▸ without marker carrier ▸ blue

	Item No.	Pack. Unit
N/N	2202-2204 ❸ ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V / 6 kV / 3 ❷	300 V, 20 A
I_N 23 A (28 A)	300 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

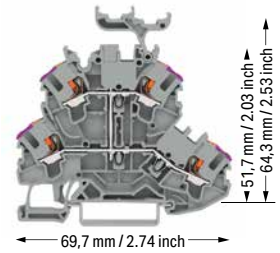


Double-deck terminal block ▸ ground conductor/through terminal block ▸ with marker carrier ▸ blue

	Item No.	Pack. Unit
PE/N	2202-2247 ❹	50
PE/L	2202-2257 ❹	50

Double-deck terminal block ▸ ground conductor/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
PE/N	2202-2217 ❹	50
PE/L	2202-2227 ❹	50

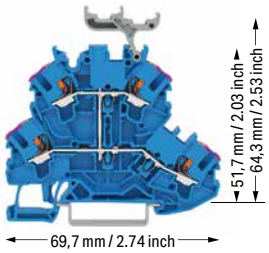


Double-deck terminal block ▸ 4-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ violet conductor entry ▸ gray

	Item No.	Pack. Unit
L	2202-2238 ❹	50

Double-deck terminal block ▸ 4-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ violet conductor entry ▸ gray

	Item No.	Pack. Unit
L	2202-2208 ❹	50

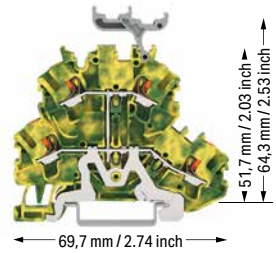


Double-deck terminal block ▸ 4-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ violet conductor entry ▸ blue

	Item No.	Pack. Unit
N	2202-2239 ❸ ❹	50

Double-deck terminal block ▸ 4-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ violet conductor entry ▸ blue

	Item No.	Pack. Unit
N	2202-2209 ❸ ❹	50



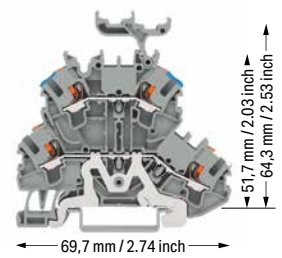
Double-deck terminal block ▸ 4-conductor ground terminal block ▸ with marker carrier ▸ internally commoned ▸ green-yellow

	Item No.	Pack. Unit
PE	2202-2237 ❹	50

Double-deck terminal block ▸ 4-conductor ground terminal block ▸ without marker carrier ▸ internally commoned ▸ green-yellow

	Item No.	Pack. Unit
PE	2202-2207 ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V / 6 kV / 3 ❷	300 V, 20 A
I_N 23 A (28 A)	300 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

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

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

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.

Approvals and corresponding ratings, visit www.wago.com

Double-deck terminal block ▸ shield/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
Shield/N	2202-2248	50
Shield/L	2202-2258	50

Double-deck terminal block ▸ shield/through terminal block ▸ without marker carrier ▸ gray

Shield/N	2202-2218	50
Shield/L	2202-2228	50

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate ▸ 0.8 mm thick

orange	2002-2292	100 (25)
gray	2002-2291	100 (25)

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

125.5 mm	209-192	50 (25)

Separator plate ▸ oversized upper deck ▸ snap-on type ▸ 2 mm thick

orange	2002-2296	100 (25)
gray	2002-2295	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)

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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Double-deck vertical jumper ▸ insulated ▸ I_N 24 A

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

Double-deck marker carrier ▸ pivoting

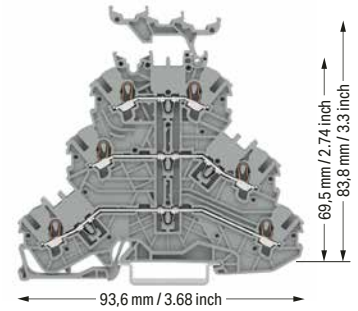
gray	2002-121	50 (25)

Double-deck terminal block assembly

Both ground and shield conductor terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the DIN-rail or busbar.
The flexible double-deck marker carrier, which is placed above the wiring level, can be pushed aside during wiring. The carrier has two staggered levels for WMB markers that perfectly align with the terminal block decks.
With a terminal block width of just 5.2 mm, an effective width of just 2.6 mm for terminal blocks of same or different potentials can be realized for conductors ranging 0.25 mm² … 4 mm² (22 … 12 AWG).
Shielded control cables are becoming an increasingly common solution to external signal interference.
Front-entry shield conductor terminal blocks are ideal for connecting braided cables. Like front-entry ground conductor terminal blocks, they are equipped with a grounding foot for direct electrical connection to the rail, however they differ significantly by their white insulated housing.
Shield conductor terminal blocks for front-entry wiring can be directly mounted beside signal-conductor terminal blocks, providing excellent deflection of interfering signals.

Triple-Deck Terminal Block TOPJOB® S
1 (1.5) mm² ▸ 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A
I_N 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

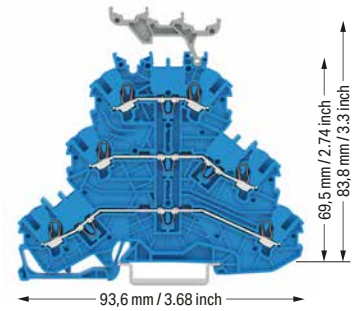


Triple-deck terminal block ▸ through/through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
L/L/L	2000-3231 ❹	50
L/L/N	2000-3233 ❹	50

Triple-deck terminal block ▸ through/through/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
L/L/L	2000-3201 ❹	50
L/L/N	2000-3203 ❹	50



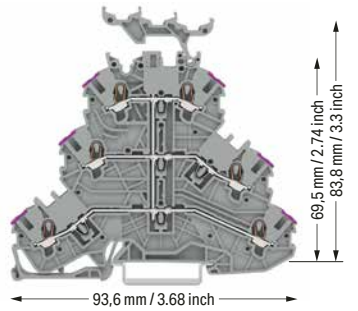
Triple-deck terminal block ▸ through/through/through terminal block ▸ with marker carrier ▸ blue

	Item No.	Pack. Unit
N/N/N	2000-3234 ❸ ❹	50

Triple-deck terminal block ▸ through/through/through terminal block ▸ without marker carrier ▸ blue

	Item No.	Pack. Unit
N/N/N	2000-3204 ❸ ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A
I_N 13,5 A (16 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

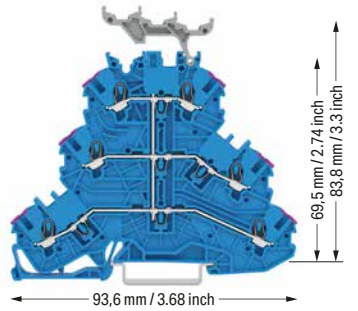


Triple-deck terminal block ▸ 6-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ gray

	Item No.	Pack. Unit
L	2000-3238 ❹	50

Triple-deck terminal block ▸ 6-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ gray

	Item No.	Pack. Unit
L	2000-3208 ❹	50



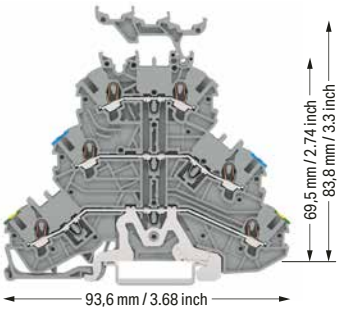
Triple-deck terminal block ▸ 6-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ blue

	Item No.	Pack. Unit
N	2000-3239 ❹	50

Triple-deck terminal block ▸ 6-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ blue

	Item No.	Pack. Unit
N	2000-3209 ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A
I_N 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

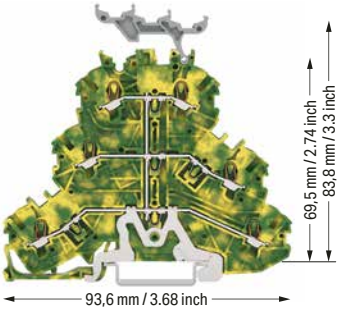


Triple-deck terminal block ▸ ground conductor/through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
PE/N/L	2000-3247 ❹	50
PE/L/L	2000-3257 ❹	50

Triple-deck terminal block ▸ ground conductor/through/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
PE/N/L	2000-3217 ❹	50
PE/L/L	2000-3227 ❹	50



Triple-deck terminal block ▸ 6-conductor ground terminal block ▸ with marker carrier ▸ internally commoned ▸ green-yellow

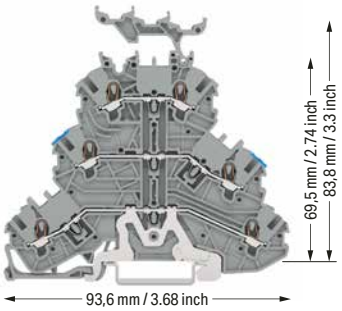
	Item No.	Pack. Unit
PE	2000-3237 ❹	50

Triple-deck terminal block ▸ 6-conductor ground terminal block ▸ without marker carrier ▸ internally commoned ▸ green-yellow

	Item No.	Pack. Unit
PE	2000-3207 ❹	50

Technical Data

0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A ❸❹
I_N 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Triple-deck terminal block ▸ shield/through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
Shield/N/L	2000-3248	50
Shield/L/L	2000-3258	50

Triple-deck terminal block ▸ shield/through/through terminal block ▸ without marker carrier ▸ gray

Shield/N/L	2000-3218	50
Shield/L/L	2000-3228	50

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules, 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

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

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate ▸ 0.7 mm thick

gray	2000-3291	25
orange	2000-3292	25

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

125.5 mm	209-192	50 (25)

Push-in type jumper bar ▸ insulated ▸ I_N 13.5 A ▸ light gray

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

Push-in type jumper bar ▸ insulated ▸ I_N 13.5 A ▸ light gray

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

Vertical jumper ▸ insulated

light gray	2000-493	100 (25)

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

yellow	2000-115	100 (25)

Test plug adapter ▸ for 4 mm Ø test plug

gray	2009-174	100 (25)

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Testing tap ▸ for max. 2.5 mm²

gray	2009-182	100 (25)

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

white	2009-110	1

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

white	2009-113	1

WMB marking card ▸ white ▸ 10 strips with 10 markers/card ▸ for 3.5 mm terminal block width

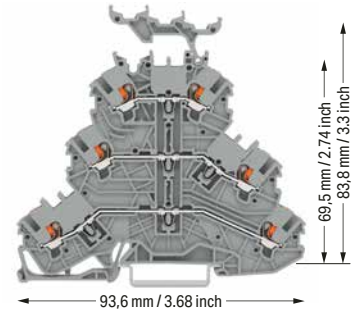
plain	793-3501	5

Triple-deck marker carrier ▸ pivoting

gray	2000-131	50 (25)

Triple-Deck Terminal Block TOPJOB® S ▸ with Push-Button
1 (1.5) mm² ▸ 2200 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A
I_N 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

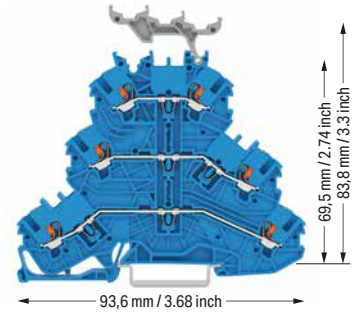


Triple-deck terminal block ▸ with Push-Button ▸ through/through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
L/L/L	2200-3231 ❹	50
L/L/N	2200-3233 ❹	50

Triple-deck terminal block ▸ with Push-Button ▸ through/through/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
L/L/L	2200-3201 ❹	50
L/L/N	2200-3203 ❹	50



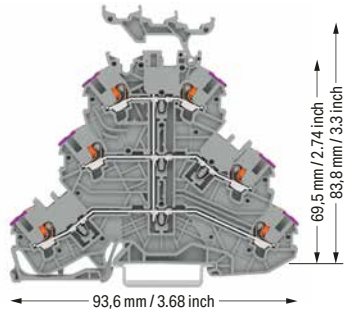
Triple-deck terminal block ▸ with Push-Button ▸ through/through/through terminal block ▸ with marker carrier ▸ blue

	Item No.	Pack. Unit
N/N/N	2200-3234 ❸ ❹	50

Triple-deck terminal block ▸ with Push-Button ▸ through/through/through terminal block ▸ without marker carrier ▸ blue

	Item No.	Pack. Unit
N/N/N	2200-3204 ❸ ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A
I_N 13,5 A (16 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

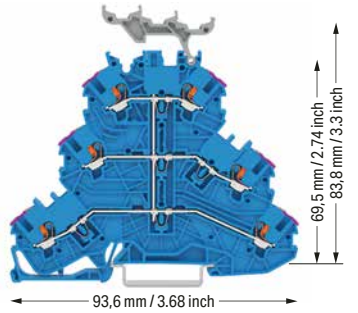


Triple-deck terminal block ▸ with Push-Button ▸ 6-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ gray

	Item No.	Pack. Unit
L	2200-3238 ❹	50

Triple-deck terminal block ▸ with Push-Button ▸ 6-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ gray

	Item No.	Pack. Unit
L	2200-3208 ❹	50



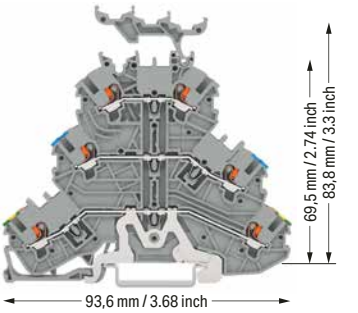
Triple-deck terminal block ▸ with Push-Button ▸ 6-conductor through terminal block ▸ with marker carrier ▸ internally commoned ▸ blue

	Item No.	Pack. Unit
N	2200-3239 ❹	50

Triple-deck terminal block ▸ with Push-Button ▸ 6-conductor through terminal block ▸ without marker carrier ▸ internally commoned ▸ blue

	Item No.	Pack. Unit
N	2200-3209 ❹	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A
I_N 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

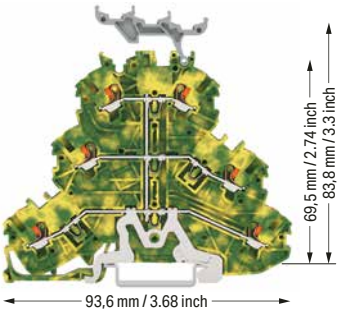


Triple-deck terminal block ▸ with Push-Button ▸ ground conductor/through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
PE/N/L	2200-3247 ❹	50
PE/L/L	2200-3257 ❹	50

Triple-deck terminal block ▸ with Push-Button ▸ ground conductor/through/through terminal block ▸ without marker carrier ▸ gray

	Item No.	Pack. Unit
PE/N/L	2200-3217 ❹	50
PE/L/L	2200-3227 ❹	50



Triple-deck terminal block ▸ with Push-Button ▸ 6-conductor ground terminal block ▸ with marker carrier ▸ internally commoned ▸ green-yellow

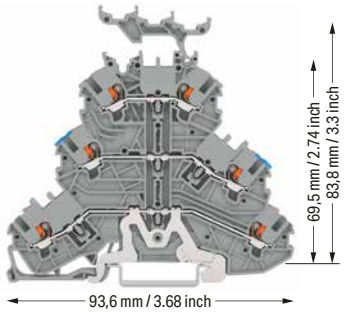
	Item No.	Pack. Unit
PE	2200-3237 ❹	50

Triple-deck terminal block ▸ with Push-Button ▸ 6-conductor ground terminal block ▸ without marker carrier ▸ internally commoned ▸ green-yellow

	Item No.	Pack. Unit
PE	2200-3207 ❹	50

Technical Data

0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V / 6 kV / 3 ❷	300 V, 15 A ❸❹
I_N 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Triple-deck terminal block ▸ with Push-Button ▸ shield/through/through terminal block ▸ with marker carrier ▸ gray

	Item No.	Pack. Unit
Shield/N/L	2200-3248	50
Shield/L/L	2200-3258	50

Triple-deck terminal block ▸ with Push-Button ▸ shield/through/through terminal block ▸ without marker carrier ▸ gray

Shield/N/L	2200-3218	50
Shield/L/L	2200-3228	50

❶ Conductor range: 0.14 … 1.5 mm² “s+f-st”; Push-in termination: 0.5 mm² “s” and 0.5 … 0.75 mm² “insulated ferrules, 10 mm” Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

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

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate ▸ 0.7 mm thick

gray	2000-3291	25
orange	2000-3292	25

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

125.5 mm	209-192	50 (25)

Push-in type jumper bar ▸ insulated ▸ I_N 13.5 A ▸ light gray

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

Push-in type jumper bar ▸ insulated ▸ I_N 13.5 A ▸ light gray

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

Triple-deck vertical jumper ▸ insulated

light gray	2000-493	100 (25)

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

yellow	2000-115	100 (25)

Test plug adapter ▸ for 4 mm Ø test plug

gray	2009-174	100 (25)

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Testing tap ▸ for max. 2.5 mm²

gray	2009-182	100 (25)

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

white	2009-110	1

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

white	2009-113	1

WMB marking card ▸ white ▸ 10 strips with 10 markers/card ▸ for 3.5 mm terminal block width

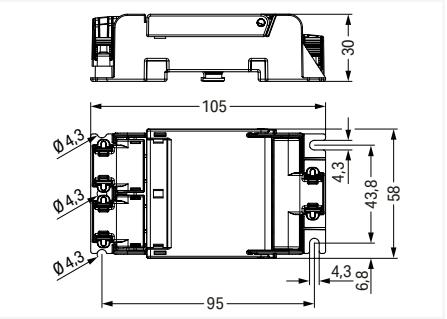
plain	793-3501	5

Triple-deck marker carrier ▸ pivoting

gray	2000-131	50 (25)

Junction Boxes ▸ for 294 Series Lightning Connector (2,5 mm²)
899 Series

Technical Data
Dimensions (width x height x depth): 58 x 105 x 30 mm
Protection type: IP20
Current supply: 24 A (max.)
Operating voltage: 500 V (max.z)



899-8013/000-101

Junction Boxes ▸ for 294 Series Lightning Connector (2,5 mm²) ▸ 3-pole		
Color	Item No.	Pack. Unit
◯ white	**899-8013/000-101**	10

899-8035/000-101

Junction Boxes ▸ for 294 Series Lightning Connector (2,5 mm²) ▸ 5-pole		
Color	Item No.	Pack. Unit
◯ white	**899-8035/000-101**	10

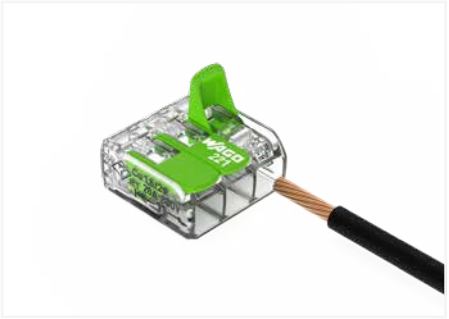
Contains article:		
Lighting connector ▸ 3-pole		
	white	**294-8013**

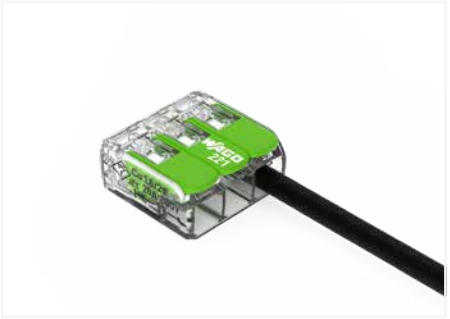
Contains article:		
Lighting connector ▸ 5-pole		
	orange	**294-8035**

CAGE CLAMP®

Splicing connectors with levers ▶ Green Range
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.


Testing via test slots.


Wiring in the distribution box.

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

CAGE CLAMP®

Splicing connectors with levers ▸ Green Range
4 mm² ▸ 221 Series

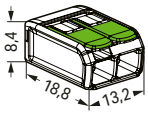
Technical Data	
0.2 … 4 mm² "s+str"	24 … 12 AWG
0.14 … 4 mm² "f-st"	600 V, 20 A
450 V / 4 kV / 2 ❶	600 V, 20 A
I_N 32 A	
11 mm / 0.43 inch	

Technical Data	
0.2 … 4 mm² "s+str"	24 … 12 AWG
0.14 … 4 mm² "f-st"	600 V, 20 A
450 V / 4 kV / 2 ❶	600 V, 20 A
I_N 32 A	
11 mm / 0.43 inch	

❶ 450 V = rated voltage
4 kV = rated impulse voltage
2 = pollution degree
(see Section 15)

Approvals and corresponding ratings, visit www.wago.com

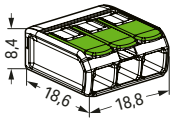
Dimensions in mm



Splicing connector with levers Green Range ▸ for all conductor types ▸ max. 4 mm² ▸ 2-conductor ▸ transparent housing ▸ Surrounding air temperature: max 85°C (T85) ▸ 4,00 mm² ▸ transparent

Item No.	Pack. Unit
221-422	1000 (100)

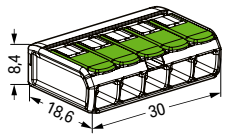
Dimensions in mm



Splicing connector with levers Green Range ▸ for all conductor types ▸ max. 4 mm² ▸ 3-conductor ▸ transparent housing ▸ Surrounding air temperature: max 85°C (T85) ▸ 4,00 mm² ▸ transparent

Item No.	Pack. Unit
221-423	500 (50)

Dimensions in mm



Splicing connector with levers Green Range ▸ for all conductor types ▸ max. 4 mm² ▸ 5-conductor ▸ transparent housing ▸ Surrounding air temperature: max 85°C (T85) ▸ 4,00 mm² ▸ transparent

Item No.	Pack. Unit
221-425	250 (25)

Your Benefits of the Green Range
- Plastics made partially from post-consumer recycled material (such as recycled PET bottles) and bio-based recyclables from industrial and household use
- Reduced consumption of fossil resources

Lever-operated splicing connectors:
Tool-free connection of up to five stripped, fine-stranded conductors from 0.14 … 4 mm², as well as solid or stranded conductors from 0.2 … 4 mm² (24 … 12 AWG).

How these work:
Pull up a green lever to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

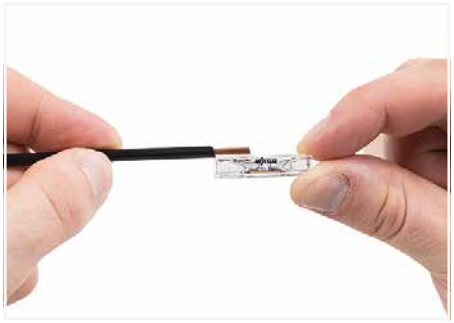
Safety:
The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor.
Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

ENEC is the European mark for electrical products that demonstrates compliance with European safety standards. The ENEC mark is subjected to the same EN standards as the VDE mark.

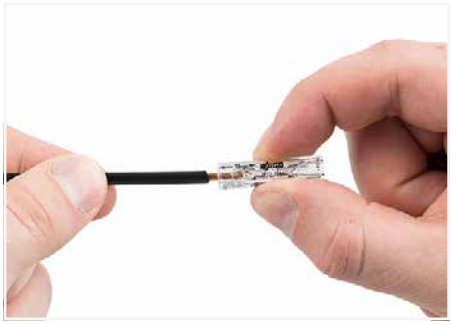
While the VDE mark is only permitted in Germany, the ENEC mark is accepted in more than 20 European countries.

CAGE CLAMP®

Inline Splicing Connectors
2773 Series
Installation



Strip conductor to 10 mm.



Insert the conductor.

Check for the correct conductor position.

Twist the connector alternately left and right while pulling it off the conductor.

Wiring conductors in a flush-mounted junction box.

Extending short wires.

Use with a shrink tube.

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

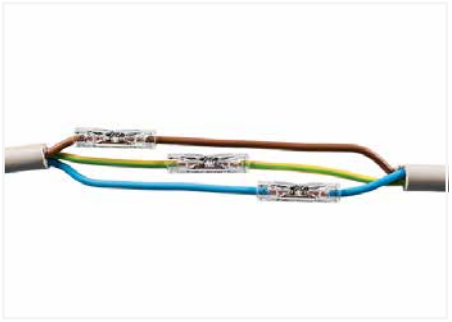
Inline Splicing Connectors
2773 Series
Installation

Damaged cable.

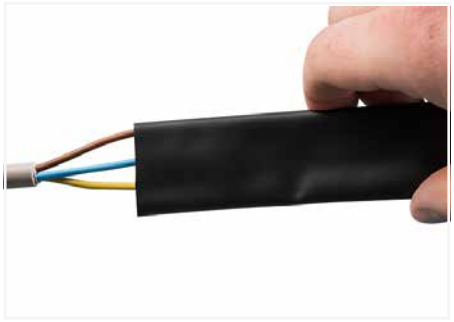
Strip the damaged cable approx. 10 cm uniformly around the damaged area.

Cut out the damaged areas in the copper and disconnect all other conductors. For damaged areas between 1 mm and 30 mm, at least 30 mm of the damaged conductor must be removed. Tip: A connector (approx. 30 mm long) can be used as a length guide.

As an alternative to step 5: Strip 10 mm of conductor according to specification and set the connector (example shows staggered connectors).



Strip 10 mm conductor per specification and insert connector (example shows staggered connectors).



Pull the shrink tube over the cable end.

Heat the shrink tube evenly with a hot air blower between 110°C and 200°C.

The shrinking process is only completed when the shrink tube is tightly connected to the cable and the adhesive has visibly melted (see photo).

CAGE CLAMP®

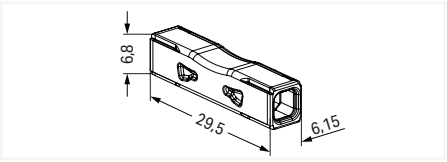
Inline Splicing Connector
2773 Series

Technical Data	
0,75 … 4 mm² “s”	18 … 12 AWG “s”
1,5 … 4 mm² “st”	
450 V / 4 kV / 2 ❶	600 V, 20 A
I_N 32 A	
10 … 11 mm / 0.39 … 0.43 inch	

❶ 450 V = rated voltage
4 kV = rated impulse voltage
2 = pollution degree
(see Section 15)

Approvals and corresponding ratings, visit www.wago.com

Dimensions in mm



2773-2401 Inline Splicing Connector ▸ for solid and stranded conductors ▸ max. 4 mm² ▸ 2-conductor ▸ transparent housing ▸ Transparent cover ▸ Surrounding air temperature: max 85°C (T85) ▸ 4,00 mm² ▸ transparent

	Item No.	Pack. Unit
	2773-2401	1000 (100)

207-5485/316-000 cable repair set ▸ for multicore cables ▸ Straight-through ▸ with glue ▸ Cable diameter 8 … 24 mm ▸ with enclosed splicing connectors ▸ medium-walled ▸ black

	Item No.	Pack. Unit
	207-5485/316-000	18 (1)

Splicing Connectors in Inaccessible Areas:
A change in the DIN VDE 0100-520:2013-06 standard makes it possible. Back in 2013, an exception was added to section 526.3 for connections that must not be accessible. This exception also includes splicing connectors per EN 60998 with maintenance-free spring pressure connection technology. With the matching shrink tube, they meet the requirements for double insulation, and the existing adhesive ensures grip and tightness.

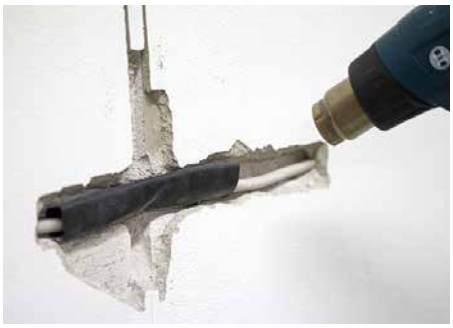
Drilled cable.

Connect the cable using the cable repair kit.

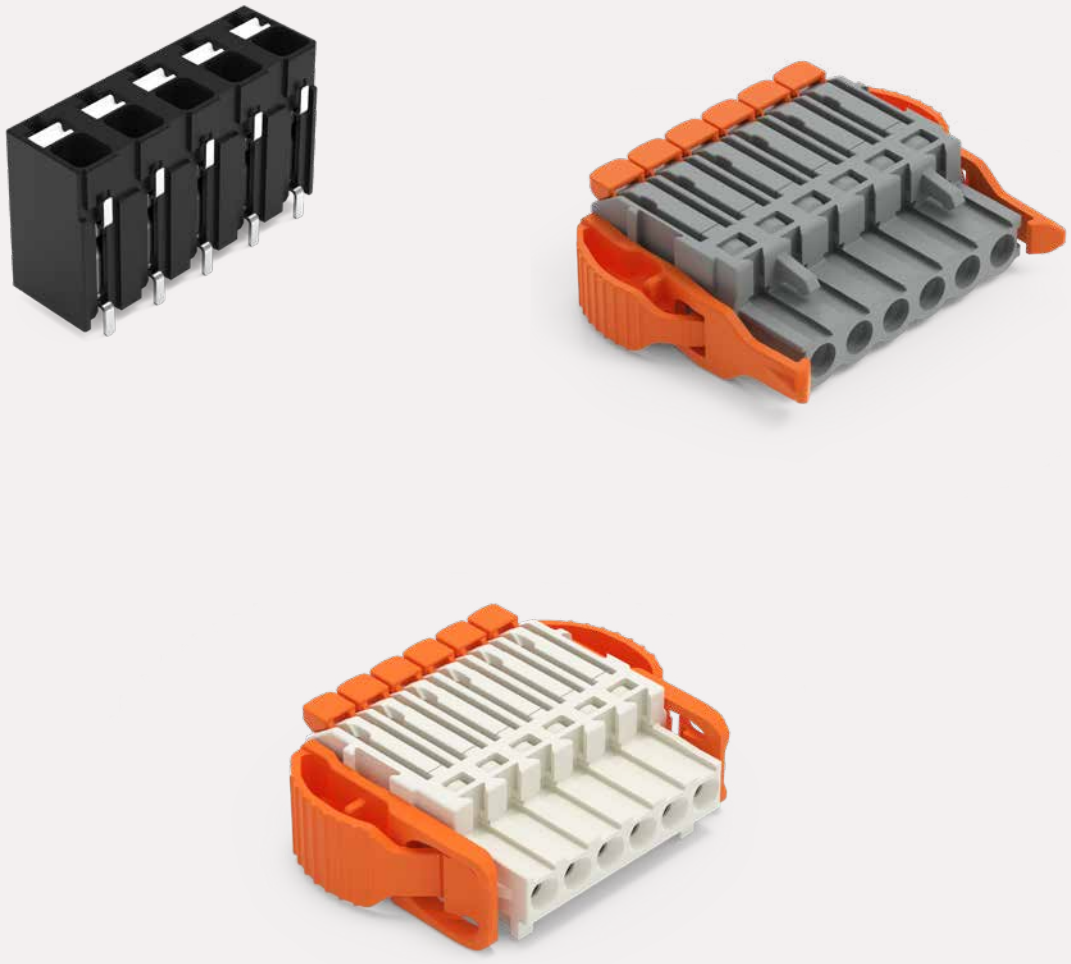
Close the damaged area discreetly.

Milled cable.

Connect the cable using the cable repair kit.



Heat the shrink tube and properly reclose the damaged area.



WAGO PCB Terminal Blocks and Connectors

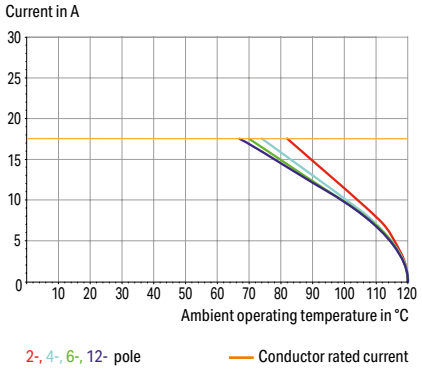
WAGO PCB Terminal Blocks and Connectors

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	3.5 mm / 0.138 inch		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	160 V	160 V	320 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip (in-line)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

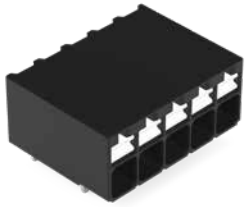
Environmental Requirements	
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

THR PCB terminal block ▸ 2086 Series

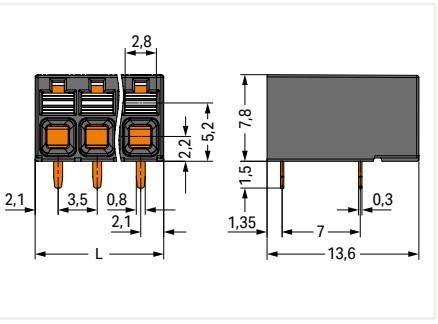
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Color: black

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 0 °

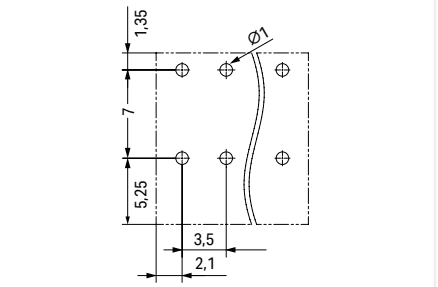


2086-1205/300-000

Pole No.	Item No.	PU
2	2086-1202/300-000	432
3	2086-1203/300-000	300
4	2086-1204/300-000	228
5	2086-1205/300-000	180
6	2086-1206/300-000	144
7	2086-1207/300-000	132
8	2086-1208/300-000	108
9	2086-1209/300-000	96
10	2086-1210/300-000	84
11	2086-1211/300-000	84
12	2086-1212/300-000	72



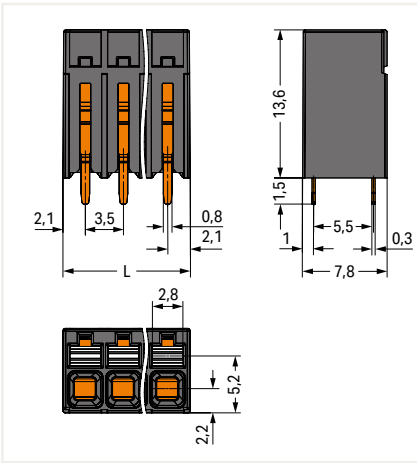
L = (pole no. – 1) x pin spacing + 4.2 mm



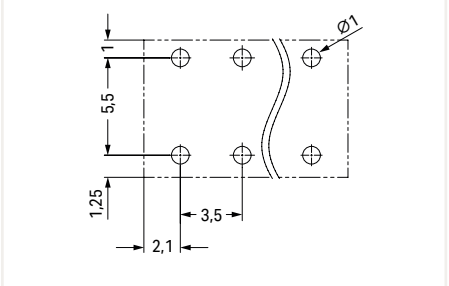
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-1105/300-000

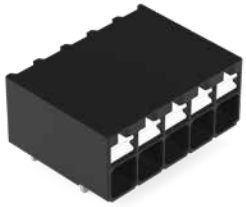
Pole No.	Item No.	PU
2	2086-1102/300-000	432
3	2086-1103/300-000	300
4	2086-1104/300-000	228
5	2086-1105/300-000	180
6	2086-1106/300-000	144
7	2086-1107/300-000	132
8	2086-1108/300-000	108
9	2086-1109/300-000	96
10	2086-1110/300-000	84
11	2086-1111/300-000	84
12	2086-1112/300-000	72



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

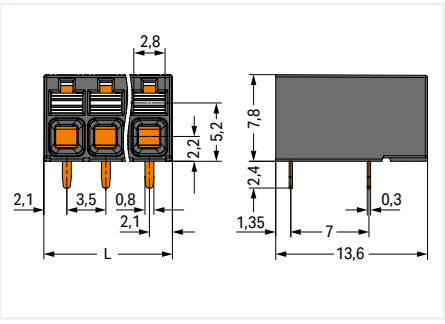


Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 0 °

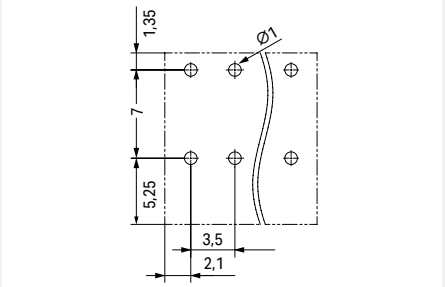


2086-1205

Pole No.	Item No.	PU
2	2086-1202	432
3	2086-1203	300
4	2086-1204	228
5	2086-1205	180
6	2086-1206	144
7	2086-1207	132
8	2086-1208	108
9	2086-1209	96
10	2086-1210	84
11	2086-1211	84
12	2086-1212	72



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



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

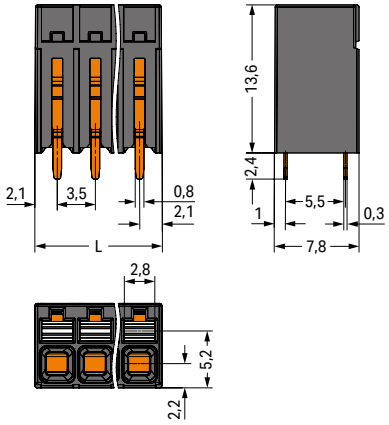
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Color: black

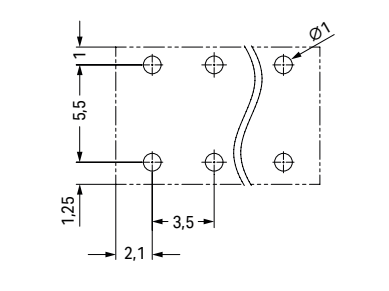
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-1105

Pole No.	Item No.	PU
2	2086-1102	432
3	2086-1103	300
4	2086-1104	228
5	2086-1105	180
6	2086-1106	144
7	2086-1107	132
8	2086-1108	108
9	2086-1109	96
10	2086-1110	84
11	2086-1111	84
12	2086-1112	72



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



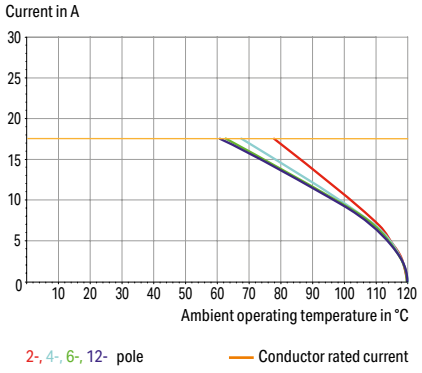
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	3.5 mm / 0.138 inch		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip (staggered)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

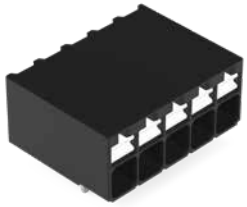
Environmental Requirements	
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

THR PCB terminal block ▸ 2086 Series

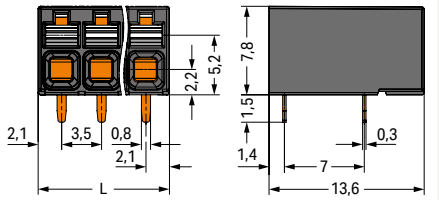
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Color: black

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 0 °

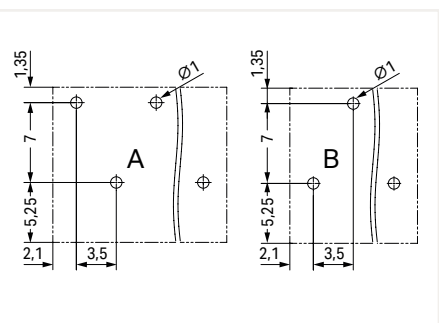


2086-1225/300-000

Pole No.	Item No.	PU
2	2086-1222/300-000	432
3	2086-1223/300-000	300
4	2086-1224/300-000	228
5	2086-1225/300-000	180
6	2086-1226/300-000	144
7	2086-1227/300-000	132
8	2086-1228/300-000	108
9	2086-1229/300-000	96
10	2086-1230/300-000	84
11	2086-1231/300-000	84
12	2086-1232/300-000	72



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



A = even number of poles
B = odd number of poles

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-1125/300-000

Pole No.	Item No.	PU
2	2086-1122/300-000	432
3	2086-1123/300-000	300
4	2086-1124/300-000	228
5	2086-1125/300-000	180
6	2086-1126/300-000	144
7	2086-1127/300-000	132
8	2086-1128/300-000	108
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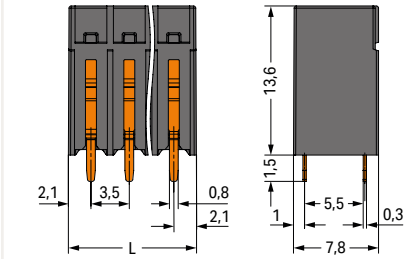
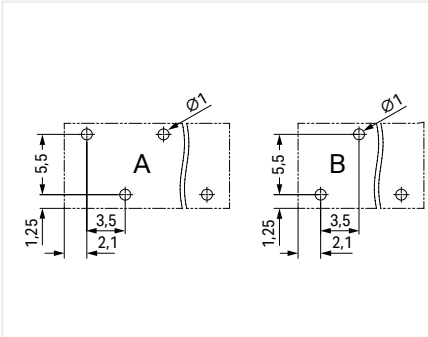
10	2086-1130/300-000	84
11	2086-1131/300-000	84
12	2086-1132/300-000	72

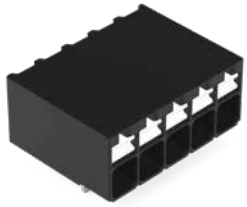


L = (pole no. – 1) x pin spacing + 4.2 mm



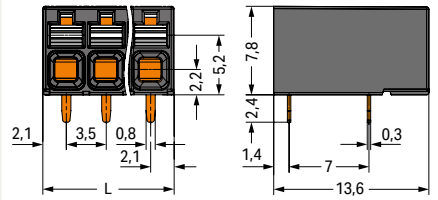
A = even number of poles
B = odd number of poles

Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 0 °

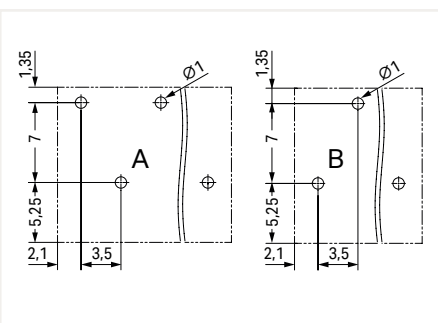


2086-1225

Pole No.	Item No.	PU
2	2086-1222	432
3	2086-1223	300
4	2086-1224	228
5	2086-1225	180
6	2086-1226	144
7	2086-1227	132
8	2086-1228	108
9	2086-1229	96
10	2086-1230	84
11	2086-1231	84
12	2086-1232	72



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



A = even number of poles
B = odd number of poles

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

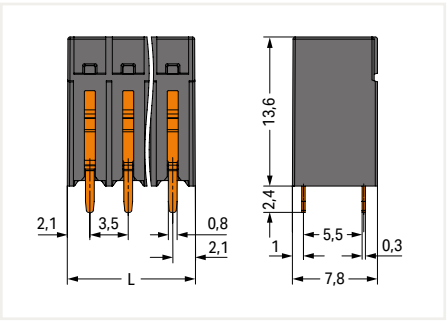
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Color: black

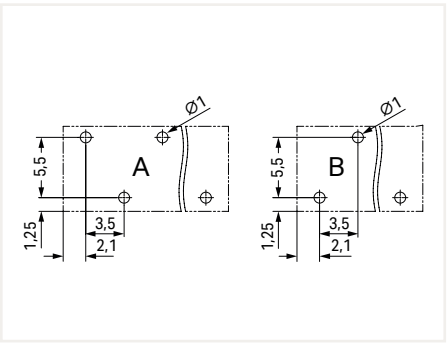
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-1125

Pole No.	Item No.	PU
2	2086-1122	432
3	2086-1123	300
4	2086-1124	228
5	2086-1125	180
6	2086-1126	144
7	2086-1127	132
8	2086-1128	108
9	2086-1129	96
10	2086-1130	84
11	2086-1131	84
12	2086-1132	72



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



A = even number of poles
B = odd number of poles

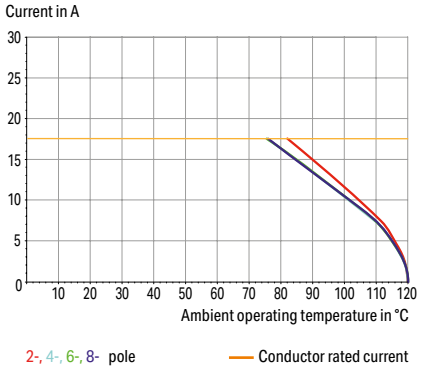
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	**5 mm / 0.138 inch**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	320 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip (in-line)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

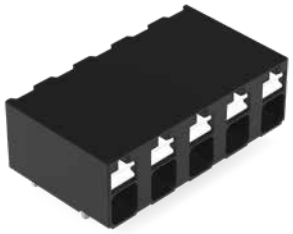
Environmental Requirements	
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

THR PCB terminal block ▸ 2086 Series

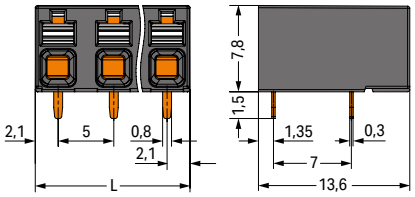
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Color: black

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 0 °

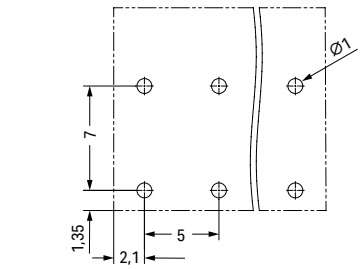


2086-3205/300-000

Pole No.	Item No.	PU
2	2086-3202/300-000	360
3	2086-3203/300-000	228
4	2086-3204/300-000	168
5	2086-3205/300-000	132
6	2086-3206/300-000	108
7	2086-3207/300-000	96
8	2086-3208/300-000	84



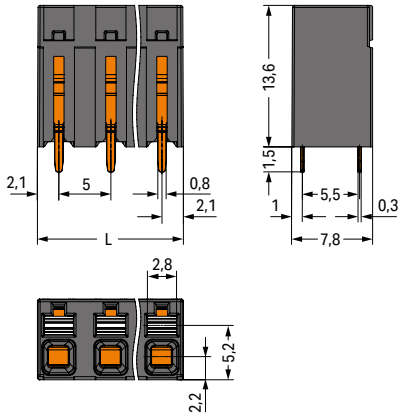
L = (pole no. – 1) x pin spacing + 4.2 mm



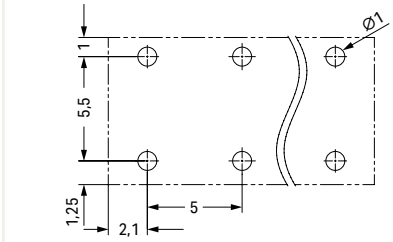
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-3105/300-000

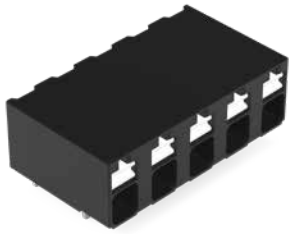
Pole No.	Item No.	PU
2	2086-3102/300-000	360
3	2086-3103/300-000	228
4	2086-3104/300-000	168
5	2086-3105/300-000	132
6	2086-3106/300-000	108
7	2086-3107/300-000	96
8	2086-3108/300-000	84



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

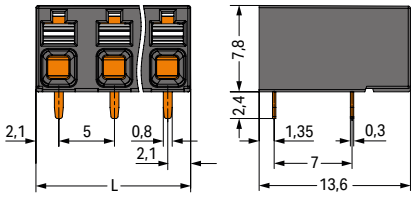


Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 0 °

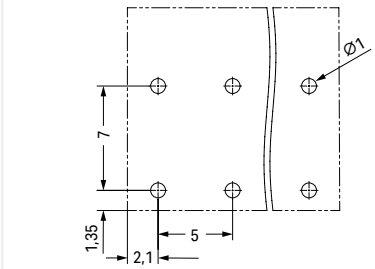


2086-3205

Pole No.	Item No.	PU
2	2086-3202	360
3	2086-3203	228
4	2086-3204	168
5	2086-3205	132
6	2086-3206	108
7	2086-3207	96
8	2086-3208	84



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



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

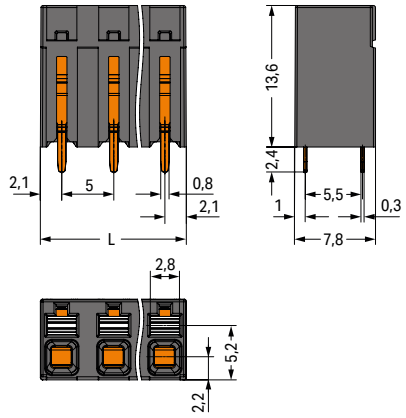
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Color: black

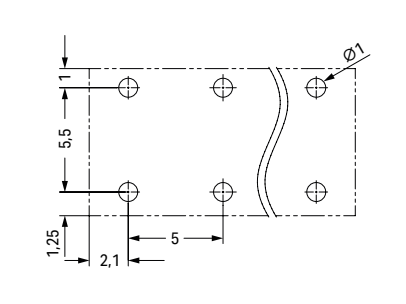
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-3105

Pole No.	Item No.	PU
2	2086-3102	360
3	2086-3103	228
4	2086-3104	168
5	2086-3105	132
6	2086-3106	108
7	2086-3107	96
8	2086-3108	84



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



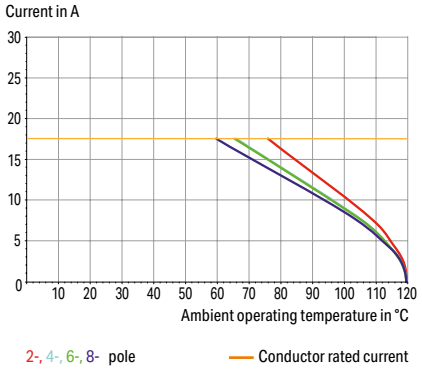
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	**5 mm / 0.138 inch**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	630 V	1000 V
Rated surge voltage	6 kV	6 kV	6 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip (staggered)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

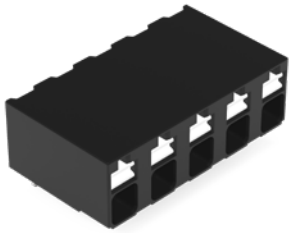
Environmental Requirements	
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

THR PCB terminal block ▸ 2086 Series

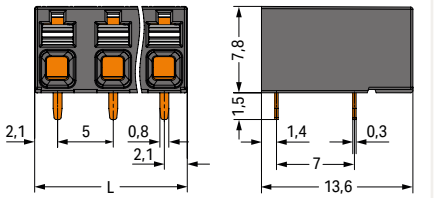
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Color: black

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 0 °

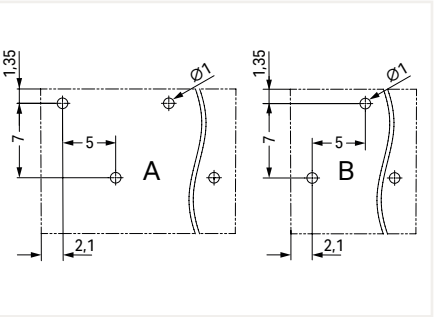


2086-3225/300-000

Pole No.	Item No.	PU
2	2086-3222/300-000	360
3	2086-3223/300-000	228
4	2086-3224/300-000	168
5	2086-3225/300-000	132
6	2086-3226/300-000	108
7	2086-3227/300-000	96
8	2086-3228/300-000	84



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

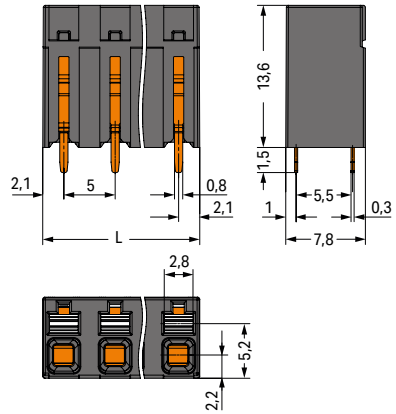


A = even number of poles
B = odd number of poles

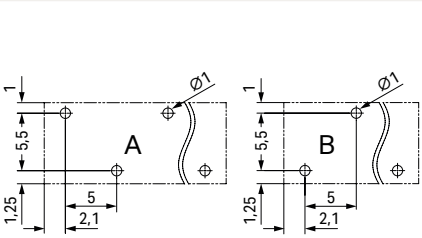
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-3125/300-000

Pole No.	Item No.	PU
2	2086-3122/300-000	360
3	2086-3123/300-000	228
4	2086-3124/300-000	168
5	2086-3125/300-000	132
6	2086-3126/300-000	108
7	2086-3127/300-000	96
8	2086-3128/300-000	84

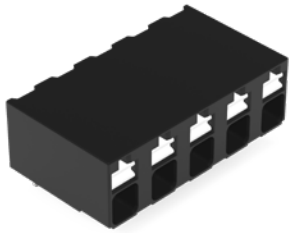


L = (pole no. – 1) x pin spacing + 4.2 mm



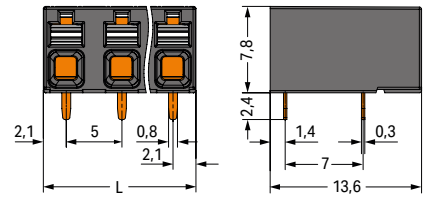
A = even number of poles
B = odd number of poles

Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 0 °

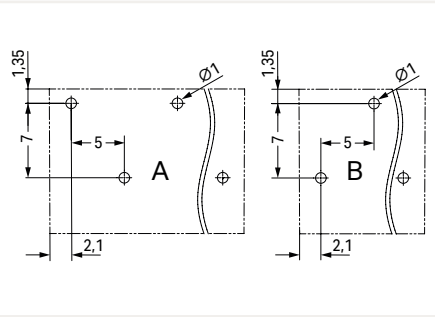


2086-3225

Pole No.	Item No.	PU
2	2086-3222	360
3	2086-3223	228
4	2086-3224	168
5	2086-3225	132
6	2086-3226	108
7	2086-3227	96
8	2086-3228	84



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



A = even number of poles
B = odd number of poles

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

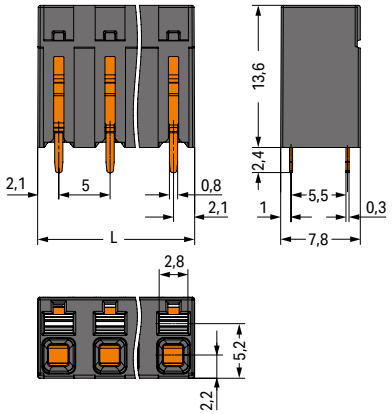
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Color: black

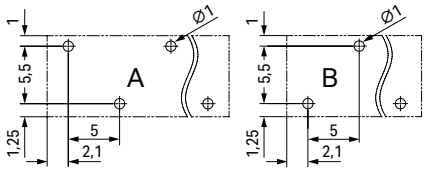
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-3125

Pole No.	Item No.	PU
2	2086-3122	360
3	2086-3123	228
4	2086-3124	168
5	2086-3125	132
6	2086-3126	108
7	2086-3127	96
8	2086-3128	84



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



A = even number of poles
B = odd number of poles

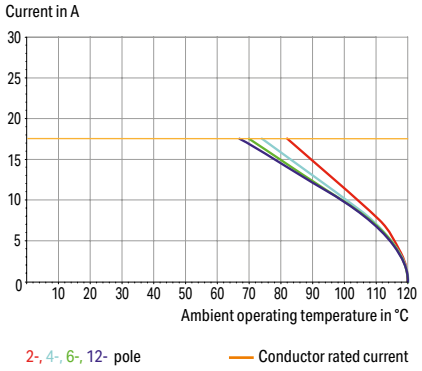
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Suitable for automated assembly ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data

Pin spacing	3.5 mm / 0.138 inch		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	160 V	160 V	320 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data

Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data

Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data

Solder pin arrangement	Over the entire terminal strip (in-line)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

Environmental Requirements

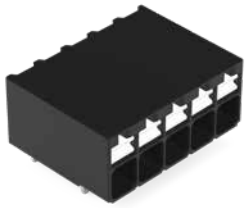
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

THR PCB terminal block ▸ 2086 Series

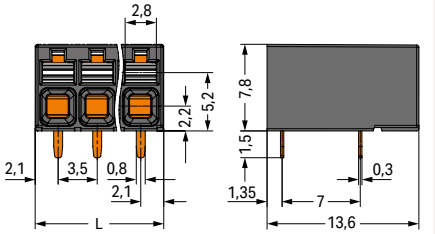
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Suitable for automated assembly ▸ Color: black

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 0 °

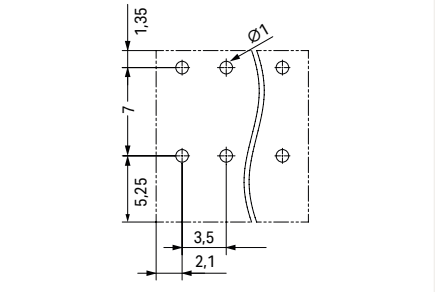


2086-1205/300-000/997-605

Pole No.	Item No.	PU
2	2086-1202/300-000/997-604	
3	2086-1203/300-000/997-605	
4	2086-1204/300-000/997-605	
5	2086-1205/300-000/997-605	
6	2086-1206/300-000/997-607	
7	2086-1207/300-000/997-607	
8	2086-1208/300-000/997-607	
9	2086-1209/300-000/997-607	
10	2086-1210/300-000/997-607	
11	2086-1211/300-000/997-607	
12	2086-1212/300-000/997-607	



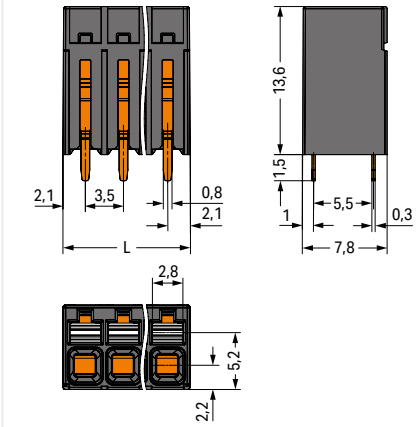
L = (pole no. – 1) x pin spacing + 4.2 mm



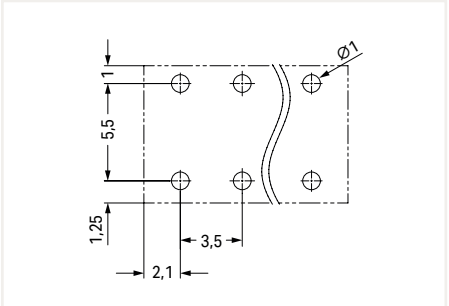
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-1105/300-000/997-605

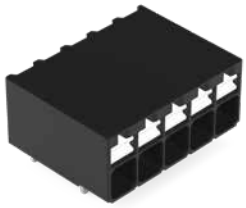
Pole No.	Item No.	PU
2	2086-1102/300-000/997-604	
3	2086-1103/300-000/997-605	
4	2086-1104/300-000/997-605	
5	2086-1105/300-000/997-605	
6	2086-1106/300-000/997-607	
7	2086-1107/300-000/997-607	
8	2086-1108/300-000/997-607	
9	2086-1109/300-000/997-607	
10	2086-1110/300-000/997-607	
11	2086-1111/300-000/997-607	
12	2086-1112/300-000/997-607	



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

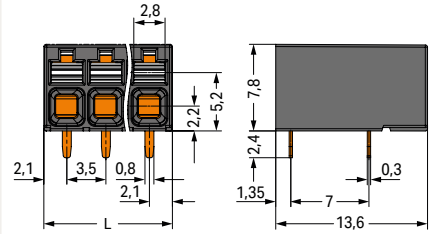


Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 0 °

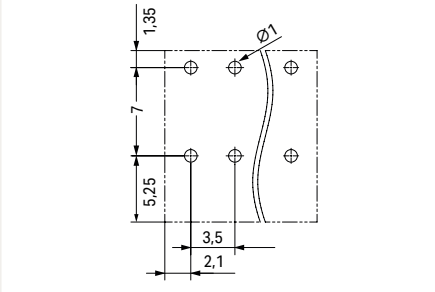


2086-1205/997-605

Pole No.	Item No.	PU
2	2086-1202/997-604	
3	2086-1203/997-605	
4	2086-1204/997-605	
5	2086-1205/997-605	
6	2086-1206/997-607	
7	2086-1207/997-607	
8	2086-1208/997-607	
9	2086-1209/997-607	
10	2086-1210/997-607	
11	2086-1211/997-607	
12	2086-1212/997-607	



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



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

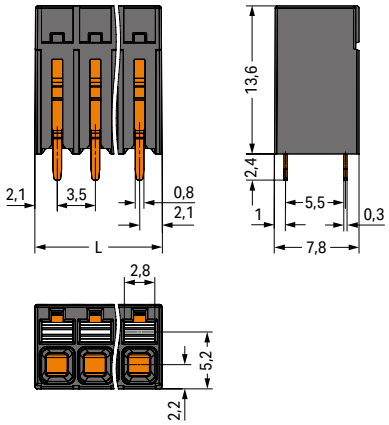
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Suitable for automated assembly ▸ Color: black

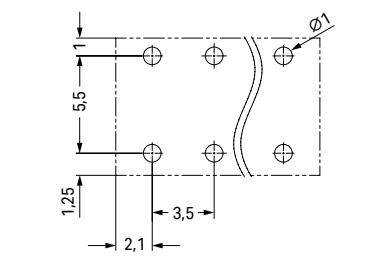
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-1105/997-605

Pole No.	Item No.	PU
2	2086-1102/997-604	
3	2086-1103/997-605	
4	2086-1104/997-605	
5	2086-1105/997-605	
6	2086-1106/997-607	
7	2086-1107/997-607	
8	2086-1108/997-607	
9	2086-1109/997-607	
10	2086-1110/997-607	
11	2086-1111/997-607	
12	2086-1112/997-607	



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



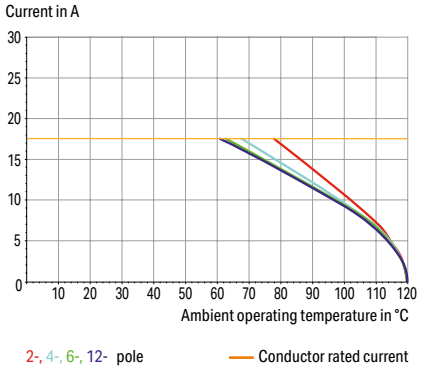
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Suitable for automated assembly ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	3.5 mm / 0.138 inch		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip (staggered)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

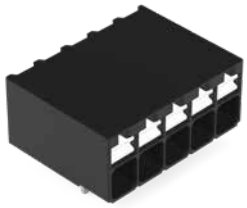
Environmental Requirements	
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

THR PCB terminal block ▸ 2086 Series

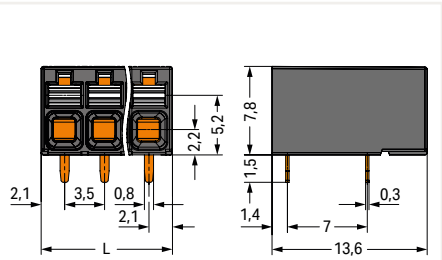
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Suitable for automated assembly ▸ Color: black

Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 0 °

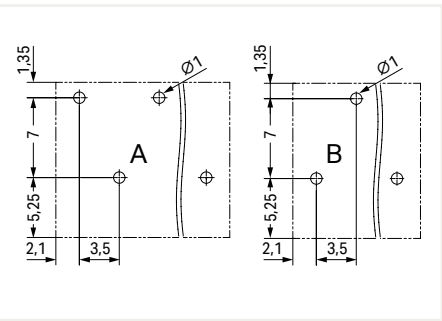


2086-1225/300-000/997-605

Pole No.	Item No.	PU
2	2086-1222/300-000/997-604	
3	2086-1223/300-000/997-605	
4	2086-1224/300-000/997-605	
5	2086-1225/300-000/997-605	
6	2086-1226/300-000/997-607	
7	2086-1227/300-000/997-607	
8	2086-1228/300-000/997-607	
9	2086-1229/300-000/997-607	
10	2086-1230/300-000/997-607	
11	2086-1231/300-000/997-607	
12	2086-1232/300-000/997-607	



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

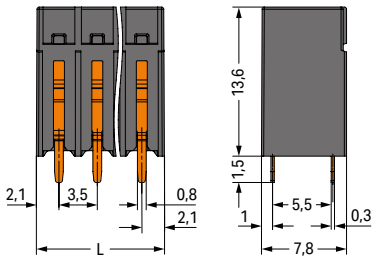


A = even number of poles
B = odd number of poles

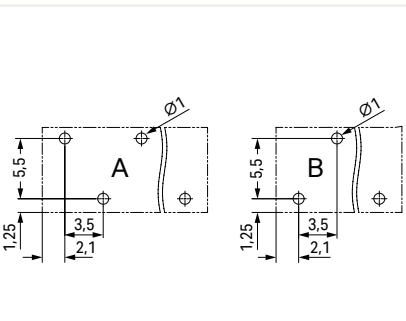
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-1125/300-000/997-605

Pole No.	Item No.	PU
2	2086-1122/300-000/997-604	
3	2086-1123/300-000/997-605	
4	2086-1124/300-000/997-605	
5	2086-1125/300-000/997-605	
6	2086-1126/300-000/997-607	
7	2086-1127/300-000/997-607	
8	2086-1128/300-000/997-607	
9	2086-1129/300-000/997-607	
10	2086-1130/300-000/997-607	
11	2086-1131/300-000/997-607	
12	2086-1132/300-000/997-607	

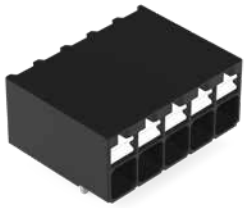


L = (pole no. – 1) x pin spacing + 4.2 mm



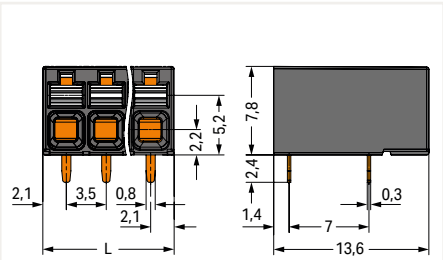
A = even number of poles
B = odd number of poles

Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 0 °

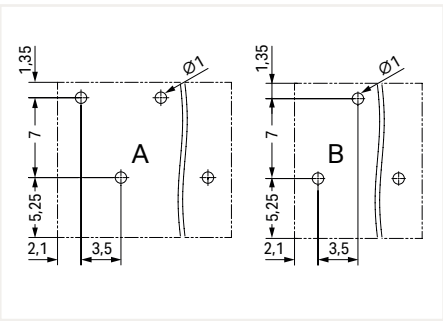


2086-1225/997-605

Pole No.	Item No.	PU
2	2086-1222/997-604	
3	2086-1223/997-605	
4	2086-1224/997-605	
5	2086-1225/997-605	
6	2086-1226/997-607	
7	2086-1227/997-607	
8	2086-1228/997-607	
9	2086-1229/997-607	
10	2086-1230/997-607	
11	2086-1231/997-607	
12	2086-1232/997-607	



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



A = even number of poles
B = odd number of poles

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

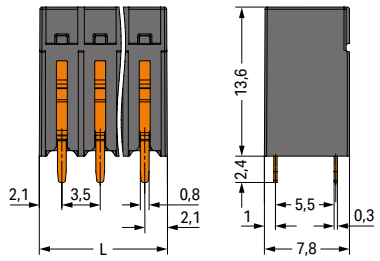
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Suitable for automated assembly ▸ Color: black

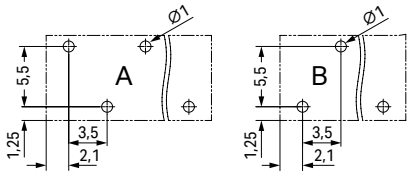
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-1125/997-605

Pole No.	Bestellnummer	VPE
2	2086-1122/997-604	
3	2086-1123/997-605	
4	2086-1124/997-605	
5	2086-1125/997-605	
6	2086-1126/997-607	
7	2086-1127/997-607	
8	2086-1128/997-607	
9	2086-1129/997-607	
10	2086-1130/997-607	
11	2086-1131/997-607	
12	2086-1132/997-607	



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



A = even number of poles
B = odd number of poles

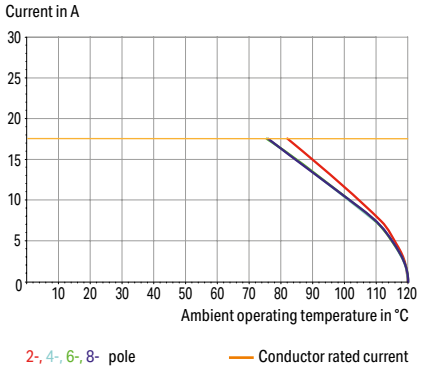
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Suitable for automated assembly ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data

Pin spacing	5 mm / 0.138 inch		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	320 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data

Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data

Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data

Solder pin arrangement	Over the entire terminal strip (in-line)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

Environmental Requirements

Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

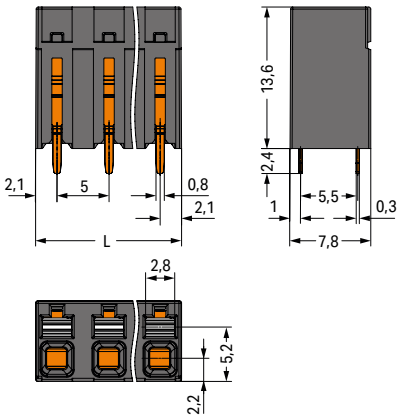
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (in-line) ▸ Suitable for automated assembly ▸ Color: black

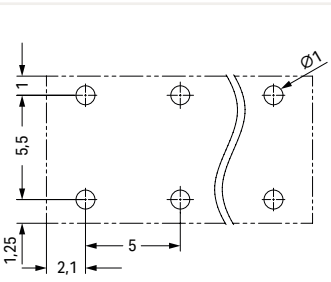
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-3105/997-607

Pole No.	Item No.	PU
2	2086-3102/997-604	
3	2086-3103/997-605	
4	2086-3104/997-605	
5	2086-3105/997-607	
6	2086-3106/997-607	
7	2086-3107/997-607	
8	2086-3108/997-607	



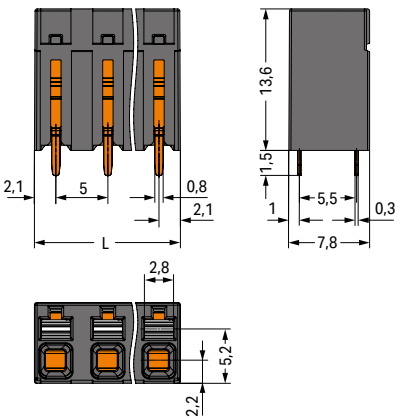
L = (pole no. – 1) x pin spacing + 4.2 mm



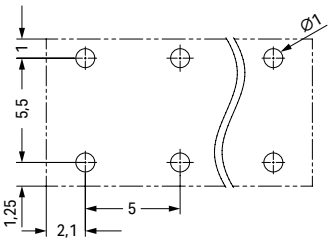
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-3105/300-000/997-607

Pole No.	Item No.	PU
2	2086-3102/300-000/997-604	
3	2086-3103/300-000/997-605	
4	2086-3104/300-000/997-605	
5	2086-3105/300-000/997-607	
6	2086-3106/300-000/997-607	
7	2086-3107/300-000/997-607	
8	2086-3108/300-000/997-607	



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



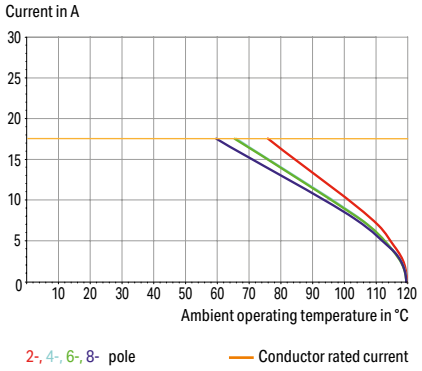
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Suitable for automated assembly ▸ Color: black

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- SMD and THR variants available
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB
- Choice of double pin spacing or alternating pin spacing, 3.5 and 5 mm pin spacing

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	**5 mm / 0.138 inch**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	630 V	1000 V
Rated surge voltage	6 kV	6 kV	6 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

Mechanical Data	
Solder pin arrangement	Over the entire terminal strip (staggered)
Solder pin dimensions	0.3 x 0.8 mm
Plated through-hole diameter (THR)	1 $^{(+0.1)}$ mm

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

For approvals and corresponding ratings, visit www.wago.com

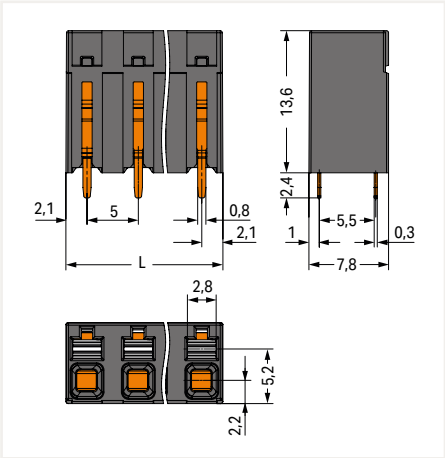
THR PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Solder pin arrangement: over the entire terminal strip (staggered) ▸ Suitable for automated assembly ▸ Color: black

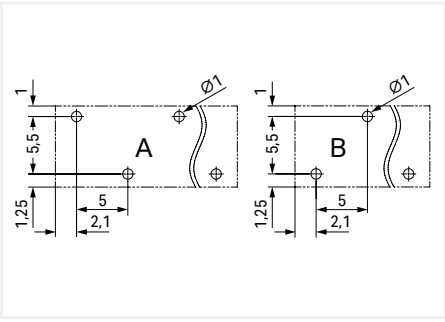
Solder pin length: 2.4 mm ▸ Conductor connection direction to PCB: 90 °

2086-3125/997-607

Pole No.	Item No.	PU
2	2086-3122/997-604	
3	2086-3123/997-605	
4	2086-3124/997-605	
5	2086-3125/997-607	
6	2086-3126/997-607	
7	2086-3127/997-607	
8	2086-3128/997-607	



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

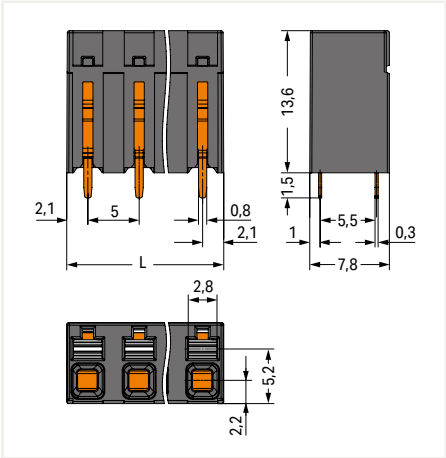


A = even number of poles
B = odd number of poles

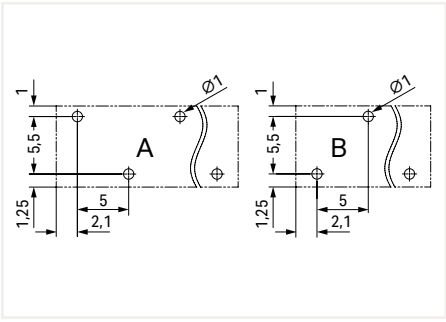
Solder pin length: 1.5 mm ▸ Conductor connection direction to PCB: 90 °

2086-3125/300-000/997-607

Pole No.	Item No.	PU
2	2086-3122/300-000/997-604	
3	2086-3123/300-000/997-605	
4	2086-3124/300-000/997-605	
5	2086-3125/300-000/997-607	
6	2086-3126/300-000/997-607	
7	2086-3127/300-000/997-607	
8	2086-3128/300-000/997-607	



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



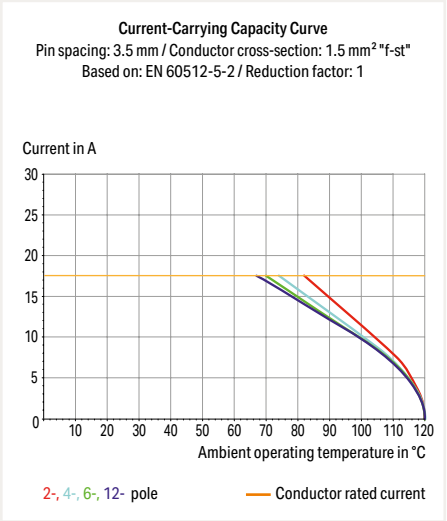
A = even number of poles
B = odd number of poles

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

SMD PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Suitable for automated assembly ▸ Color: white

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB



Electrical Data			
Pin spacing	**3.5 mm / 0.138 inch**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	160 V	160 V	320 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

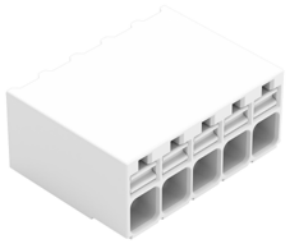
Environmental Requirements	
Limit temperature range	-60 … +105 °C

For approvals and corresponding ratings, visit www.wago.com

SMD PCB terminal block ▸ 2086 Series

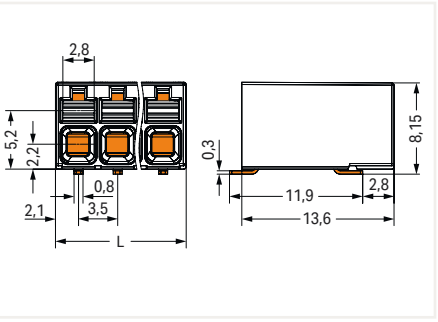
Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 3.5 mm / 0.138 inches ▸ Suitable for automated assembly ▸ Color: white

Conductor connection direction to PCB: 0 °

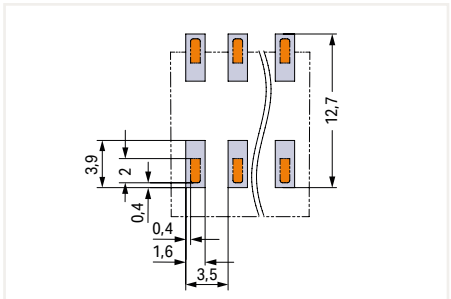


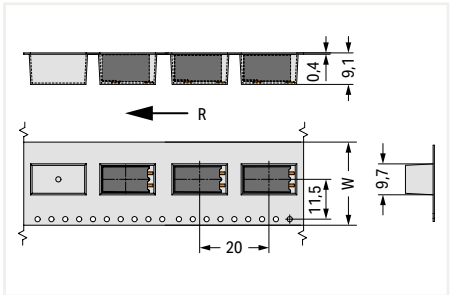
2086-1205/700-650/997-605

Pole No.	Tape Width	Item No.	PU
2	24 mm	2086-1202/700-650/997-604	515
3	32 mm	2086-1203/700-650/997-605	515
4	32 mm	2086-1204/700-650/997-605	515
5	32 mm	2086-1205/700-650/997-605	515
6	56 mm	2086-1206/700-650/997-607	515
7	56 mm	2086-1207/700-650/997-607	515
8	56 mm	2086-1208/700-650/997-607	515
9	56 mm	2086-1209/700-650/997-607	515
10	56 mm	2086-1210/700-650/997-607	515
11	56 mm	2086-1211/700-650/997-607	515
12	56 mm	2086-1212/700-650/997-607	515



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



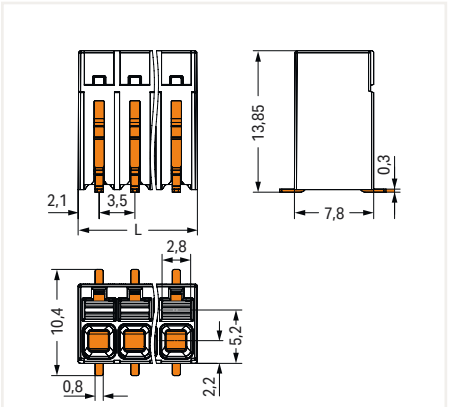


W = Tape width
R = Feed direction

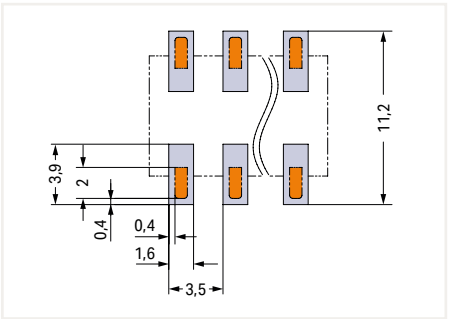
Conductor connection direction to PCB: 90 °

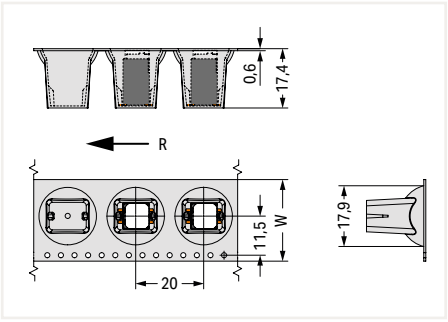
2086-1105/700-650/997-605

Pole No.	Tape Width	Item No.	PU
2	24 mm	2086-1102/700-650/997-604	270
3	32 mm	2086-1103/700-650/997-605	270
4	32 mm	2086-1104/700-650/997-605	270
5	32 mm	2086-1105/700-650/997-605	270
6	56 mm	2086-1106/700-650/997-607	270
7	56 mm	2086-1107/700-650/997-607	270
8	56 mm	2086-1108/700-650/997-607	270
9	56 mm	2086-1109/700-650/997-607	270
10	56 mm	2086-1110/700-650/997-607	270
11	56 mm	2086-1111/700-650/997-607	270
12	56 mm	2086-1112/700-650/997-607	270



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





W = Tape width
R = Feed direction

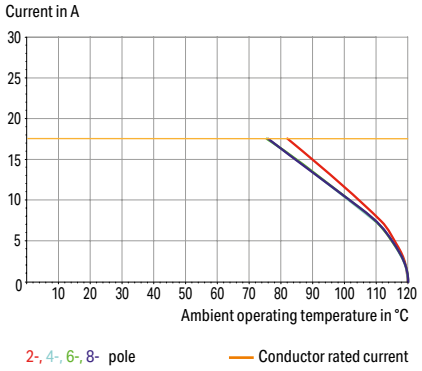
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

SMD PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Suitable for automated assembly ▸ Color: white

- Ideal for compact device connection, panel feedthrough and tight spaces
- Push-in CAGE CLAMP® allows push-in termination of solid and fine-stranded conductors with ferrules from 0.2 to 1.5 mm²
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Electrical Data			
Pin spacing	**5 mm / 0.138 inch**		
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	320 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Rated current	17.5 A	17.5 A	17.5 A
Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	10 A
Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	14 A	-	14 A

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Solid conductor	0.14 … 1.5 mm² / 28 … 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG (14 A per UL/CSA))
Fine-stranded conductor; with insulated ferrule	0.25 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 1.5 mm²

Material Data	
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin-plated

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

For approvals and corresponding ratings, visit www.wago.com

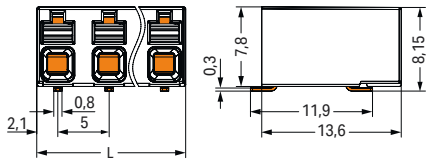
SMD PCB terminal block ▸ 2086 Series

Push-in CAGE CLAMP® ▸ Actuation type: Push-button ▸ 1.5 mm² ▸ Pin spacing: 5 mm / 0.197 inches ▸ Suitable for automated assembly ▸ Color: white

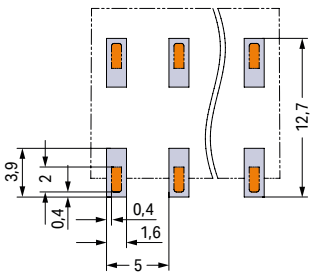
Conductor connection direction to PCB: 0 °

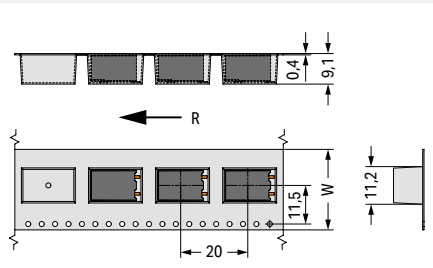
2086-3205/700-650/997-607

Pole No.	Tape Width	Item No.	PU
2	24 mm	2086-3202/700-650/997-604	515
3	32 mm	2086-3203/700-650/997-605	515
4	32 mm	2086-3204/700-650/997-605	515
5	56 mm	2086-3205/700-650/997-607	515
6	56 mm	2086-3206/700-650/997-607	515
7	56 mm	2086-3207/700-650/997-607	515
8	56 mm	2086-3208/700-650/997-607	515



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



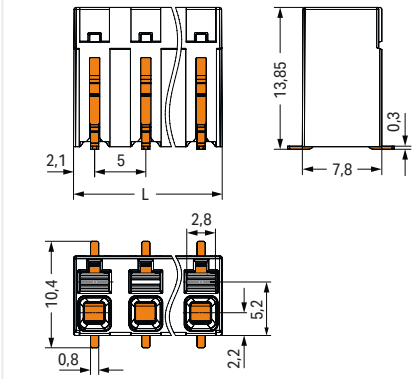


W = Tape width
R = Feed direction

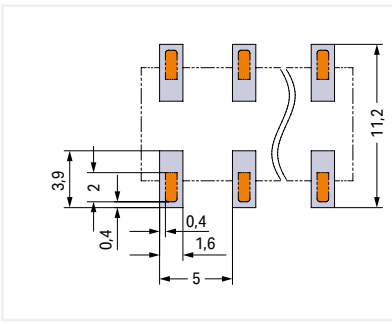
Conductor connection direction to PCB: 90 °

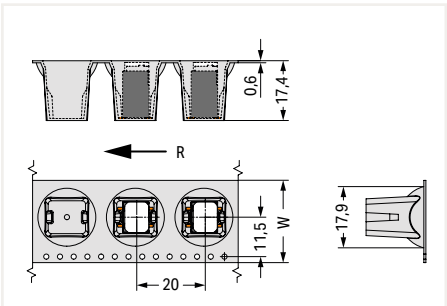
2086-3105/700-650/997-607

Pole No.	Tape Width	Item No.	PU
2	24 mm	2086-3102/700-650/997-604	270
3	32 mm	2086-3103/700-650/997-605	270
4	32 mm	2086-3104/700-650/997-605	270
5	56 mm	2086-3105/700-650/997-607	270
6	56 mm	2086-3106/700-650/997-607	270
7	56 mm	2086-3107/700-650/997-607	270
8	56 mm	2086-3108/700-650/997-607	270



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





W = Tape width
R = Feed direction

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

1-conductor female connector ▸ *MCS* MINI ▸ 2734 Series

Pin spacing: 3.5 mm / 0.138 inches ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Color: light gray

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Just 9.95 mm tall
- Test slot 90° to conductor entry
- 100% protected against mismating
- Coding option available

Electrical Data				
Ratings per	IEC/EN 60664-1			
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	160 V	160 V	320 V	
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	
Rated current	10 A	10 A	10 A	
Approvals per	UL 1059			
Use group	B	C	D	
Rated voltage	300 V	-	300 V	
Rated current	10 A	-	10 A	
Approvals per	CSA			
Use group	B	C	D	
Rated voltage	300 V	-	300 V	
Rated current	10 A	-	10 A	

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	9 … 10 mm / 0.35 … 0.39 inch
Solid conductor	0.14 … 1.5 mm² / 26 … 14 AWG
Solid conductor; push-in termination	0.34 … 1.5 mm² / 22 … 14 AWG
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG
Fine-stranded conductor; with insulated ferrule	0.14 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.14 … 1 mm²

Material Data	
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin-plated

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

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

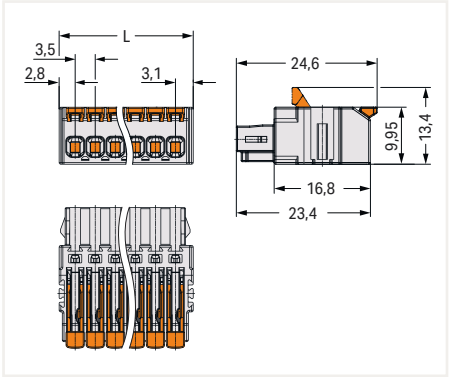
For approvals and corresponding ratings, visit www.wago.com

1-conductor female connector ▸ *MCS* MINI ▸ 2734 Series

Pin spacing: 3.5 mm / 0.138 inches ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Color: light gray

2734-1106/327-000

Pole No.	Item No.	PU
2	2734-1102/327-000	200
3	2734-1103/327-000	200
4	2734-1104/327-000	100
5	2734-1105/327-000	100
6	2734-1106/327-000	100
7	2734-1107/327-000	100
8	2734-1108/327-000	50
10	2734-1110/327-000	50
12	2734-1112/327-000	50
16	2734-1116/327-000	25

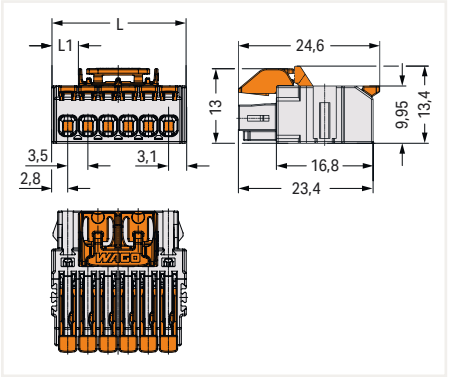


L = (pol no. x pin spacing) + 2.4 mm

Locking of plug-in connection: Center locking lever

2734-1106/328-000

Pole No.	Item No.	PU
4	2734-1104/328-000	50
5	2734-1105/328-000	50
6	2734-1106/328-000	50
7	2734-1107/328-000	50
8	2734-1108/328-000	50
10	2734-1110/328-000	50



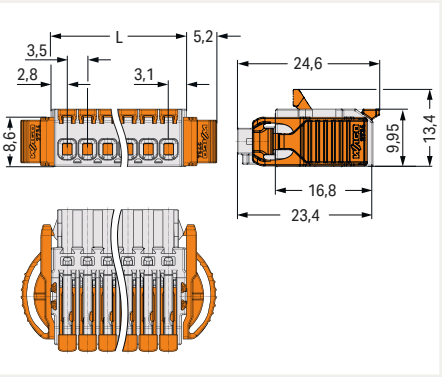
L = (pol no. x pin spacing) + 2.4 mm

pol no. 4: L1 = 1.15 mm
pol no. 5 + 6: L1 = 4.65 mm
pol no. 7 + 8: L1 = 8.15 mm
pol no. 10: L1 = 11,65 mm

Locking of plug-in connection: Lateral locking lever

2734-1106/038-000

Pole No.	Item No.	PU
2	2734-1102/038-000	100
3	2734-1103/038-000	100
4	2734-1104/038-000	50
5	2734-1105/038-000	50
6	2734-1106/038-000	50
7	2734-1107/038-000	50
8	2734-1108/038-000	50
10	2734-1110/038-000	50
12	2734-1112/038-000	25
16	2734-1116/038-000	25



L = (pol no. x pin spacing) + 2.4 mm

Accessories; for all products on this page

Jumper; Pole No.: 2

Color	Item No.	PU
light gray	2734-402	25

Coding pin carrier with 5 coding pins

Color	Item No.	PU
orange	2734-505	25

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

Variants:
- Other Pole No.s
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/

1-conductor female connector ▸ *MCS* MINI ▸ 2734 Series

Pin spacing: 3.5 mm / 0.138 inches ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ With strain relief plate ▸ Color: light gray

2734-1106/327-000/334-000

Locking of plug-in connection: Center locking lever

2734-1106/328-000/334-000

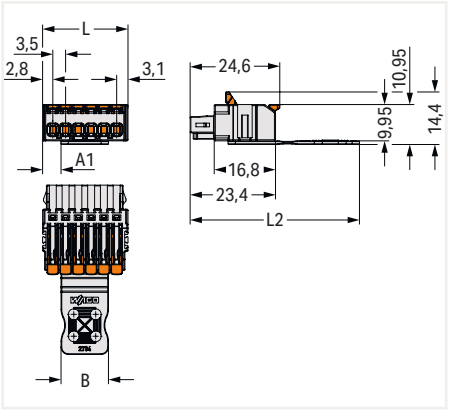
Locking of plug-in connection: Lateral locking lever

2734-1106/038-000/334-000

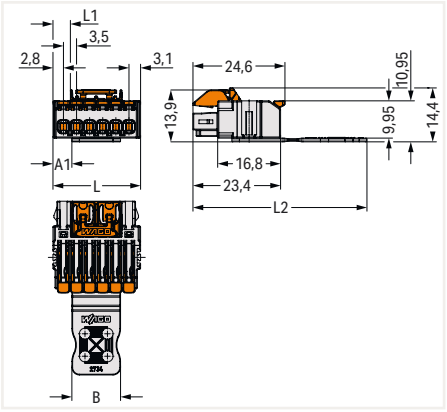
Pole No.	Item No.	PU
2	2734-1102/327-000/332-000	100
3	2734-1103/327-000/333-000	50
4	2734-1104/327-000/334-000	50
5	2734-1105/327-000/334-000	50
6	2734-1106/327-000/334-000	50
7	2734-1107/327-000/334-000	50
8	2734-1108/327-000/335-000	50
10	2734-1110/327-000/335-000	50
12	2734-1112/327-000/336-000	25
16	2734-1116/327-000/336-000	25

Pole No.	Item No.	PU
4	2734-1104/328-000/334-000	50
5	2734-1105/328-000/334-000	50
6	2734-1106/328-000/334-000	50
7	2734-1107/328-000/334-000	50
8	2734-1108/328-000/335-000	50
10	2734-1110/328-000/335-000	50

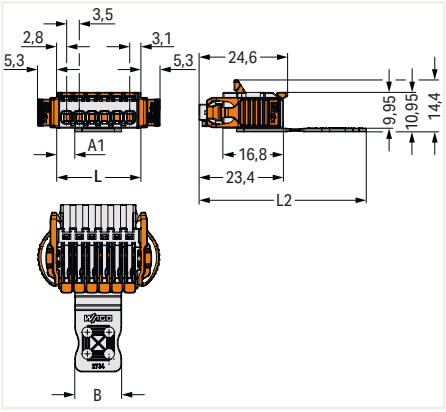
Pole No.	Item No.	PU
2	2734-1102/038-000/332-000	100
3	2734-1103/038-000/333-000	50
4	2734-1104/038-000/334-000	50
5	2734-1105/038-000/334-000	50
6	2734-1106/038-000/334-000	50
7	2734-1107/038-000/334-000	50
8	2734-1108/038-000/335-000	50
10	2734-1110/038-000/335-000	50
12	2734-1112/038-000/336-000	25
16	2734-1116/038-000/336-000	25



Pole No.	A1	B	L	L2
2	1.55	6	9.4	44.4
3	1.55	9.5	12.9	45.4
4	1.55	13	16.4	46.4
5	5.05	13	19.9	46.4
6	5.05	13	23.4	46.4
7	8.55	13	26.9	46.4
8	1.55	27	30.4	49.4
10	5.05	27	37.4	49.4
12	1.55	41	44.4	54.4
16	8.55	41	58.4	54.4



Pole No.	A1	B	L	L1	L2
4	1.55	13	16.4	1.15	46.4
5	5.05	13	19.9	4.65	46.4
6	5.05	13	23.4	4.65	46.4
7	8.55	13	26.9	8.15	46.4
8	1.55	27	30.4	8.15	49.4
10	5.05	27	37.4	11.65	49.4



Pole No.	A1	B	L	L2
2	1.55	6	9.4	44.4
3	1.55	9.5	12.9	45.4
4	1.55	13	16.4	46.4
5	5.05	13	19.9	46.4
6	5.05	13	23.4	46.4
7	8.55	13	26.9	46.4
8	1.55	27	30.4	49.4
10	5.05	27	37.4	49.4
12	1.55	41	44.4	54.4
16	8.55	41	58.4	54.4

Accessories; for all products on this page

Jumper; Pole No.: 2

Color	Item No.	PU
light gray	2734-402	25

Coding pin carrier with 5 coding pins

Color	Item No.	PU
orange	2734-505	25

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

Variants:

- Other Pole No.s
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/

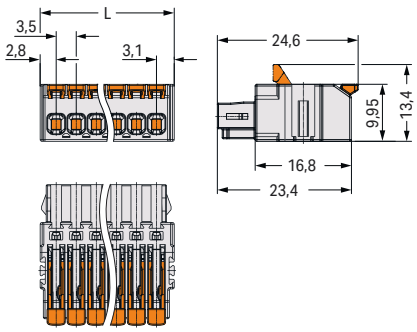
1-conductor female connector ▸ *MCS* MINI ▸ 2734 Series

Pin spacing: 3.5 mm / 0.138 inches ▸ Actuation type: Lever ▸ Push-in CAGE CLAMP® ▸ Direct marking ▸ Color: light gray

Direct marking from conductor entry direction

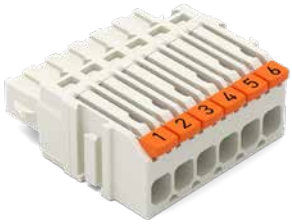
2734-1106/327-9037

Pole No.	Item No.	PU
2	2734-1102/327-9037	200
3	2734-1103/327-9037	200
4	2734-1104/327-9037	100
5	2734-1105/327-9037	100
6	2734-1106/327-9037	100
7	2734-1107/327-9037	100
8	2734-1108/327-9037	50
10	2734-1110/327-9037	50
12	2734-1112/327-9037	50
16	2734-1116/327-9037	25



L = (pol no. x pin spacing) + 2.4 mm

Direct marking 90° to the conductor entry direction



2734-1106/327-047

Pole No.	Item No.	PU
2	2734-1102/327-047	200
3	2734-1103/327-047	200
4	2734-1104/327-047	100
5	2734-1105/327-047	100
6	2734-1106/327-047	100
7	2734-1107/327-047	100
8	2734-1108/327-047	50
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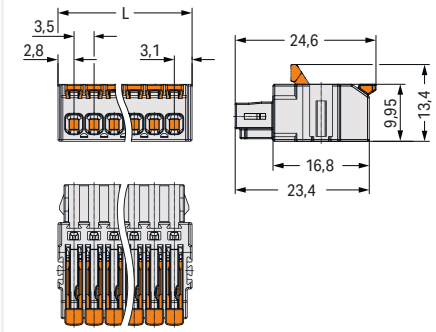
12	2734-1112/327-047	50
16	2734-1116/327-047	25



L = (pol no. x pin spacing) + 2.4 mm

Accessories; for all products on this page

Jumper; Pole No.: 2

Color	Item No.	PU
light gray	2734-402	25

Coding pin carrier with 5 coding pins

Color	Item No.	PU
orange	2734-505	25

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

Variants:

- Other Pole No.s
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/

1-conductor female connector, 2-row ▶ *MCS* MINI ▶ 2734 Series

Pin spacing: 3.5 mm / 0.138 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: light gray

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 90° to conductor entry
- 100% protected against mismating
- Coding option available

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

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	9 … 10 mm / 0.35 … 0.39 inch
Solid conductor	0.14 … 1.5 mm² / 26 … 14 AWG
Solid conductor; push-in termination	0.34 … 1.5 mm² / 22 … 14 AWG
Fine-stranded conductor	0.14 … 1.5 mm² / 26 … 14 AWG
Fine-stranded conductor; with insulated ferrule	0.14 … 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.14 … 1 mm²

Material Data	
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin-plated

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

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

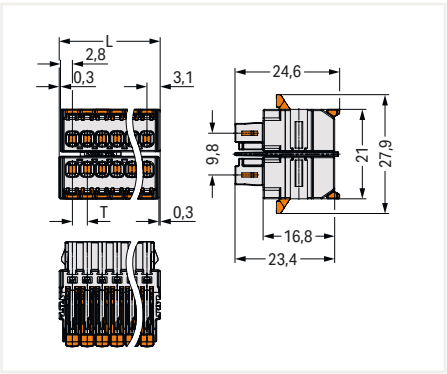
For approvals and corresponding ratings, visit www.wago.com

1-conductor female connector, 2-row ▶ *MCS* MINI ▶ 2734 Series

Pin spacing: 3.5 mm / 0.138 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: light gray

2734-1516/310-000

Pole No.	Item No.	PU
32	2734-1516/310-000	



L = (pol no./2) x pin spacing + 2.7 mm

Accessories; for all products on this page

Jumper; Pole No.: 2		
Color	Item No.	PU
light gray	2734-402	25

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

Variants:
- Other Pole No.s
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/

THT double-deck male header, 2-row ▸ *MCS* MINI ▸ 2734 Series
Pin spacing: 3.5 mm / 0.138 inches ▸ Color: light gray

- 100% protected against mismating; only mating halves with the same number of poles can be connected together
- Coding option available

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

Material Data	
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin

Mechanical Data	
Solder pin arrangement	over the entire male connector (in-line)
Number of solder pins per potential	1
Solder pin length	4,1 mm
Solder pin dimensions	1 x 1 mm
Drilled hole diameter with tolerance	1,4 $^{(+0,1)}$ mm

Environmental requirements	
Limit temperature range	-60 … +100 °C
Processing temperature	-35 … +60 °C

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

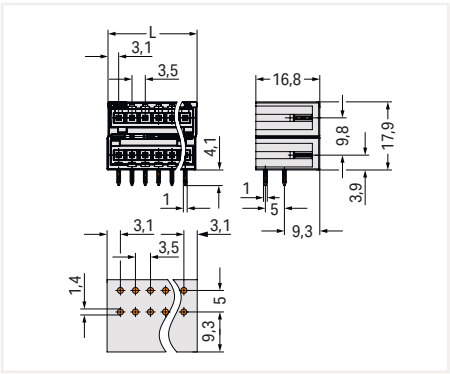
For approvals and corresponding ratings, visit www.wago.com

THT double-deck male header, 2-row ▶ *MCS* MINI ▶ 2734 Series
Pin spacing: 3.5 mm / 0.138 inches ▶ Color: light gray

Mating direction to the PCB: 0 °

734-1446

Pole No.	Item No.	PU
32	734-1446	



L = (pol no./2) x pin spacing + 2.7 mm

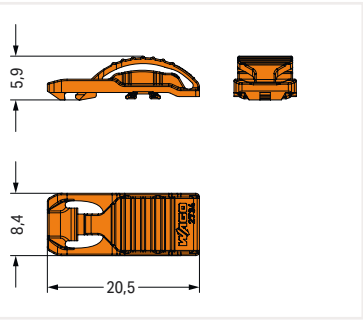
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

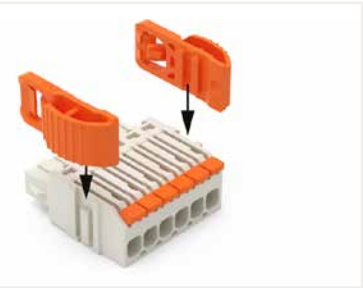
Variants:
- Other Pole No.s
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/

Locking device for female connectors with levers ▸ Color: orange
MCS MINI

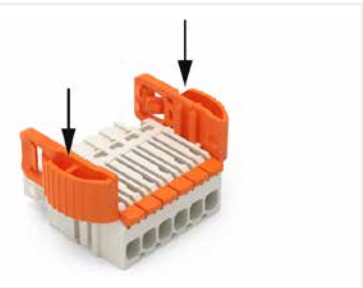
2734-510

Locking lever		
Color	Item No.	PU
orange	2734-510	50

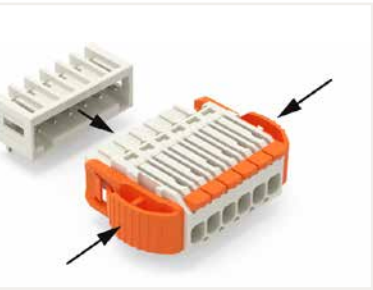




Install the side locking levers.



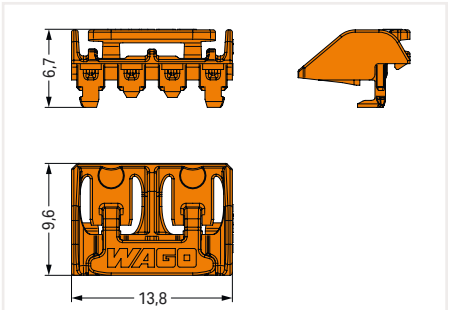
Insert the locking levers into the receptacles until fully inserted.

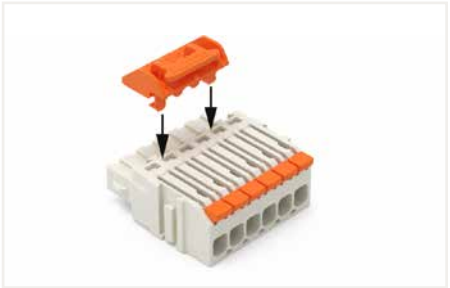


Disconnect the female connector after operating the locking mechanism.

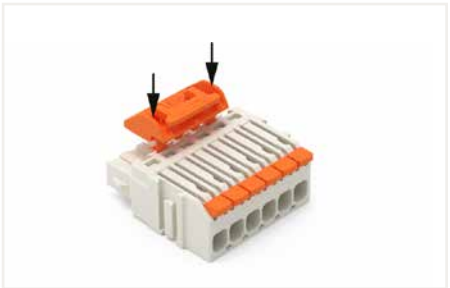
2734-516

Center locking for 4 … 10 poles		
Color	Item No.	PU
orange	2734-516	100

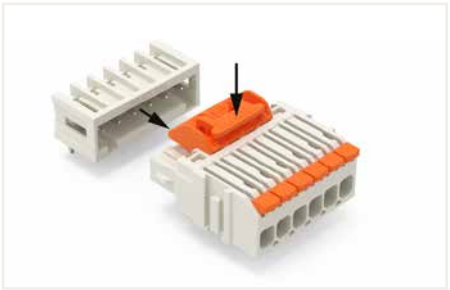




Install the center locking device.



Insert the locking lever into the receptacles until fully inserted.



Disconnect the female connector after operating the locking mechanism.

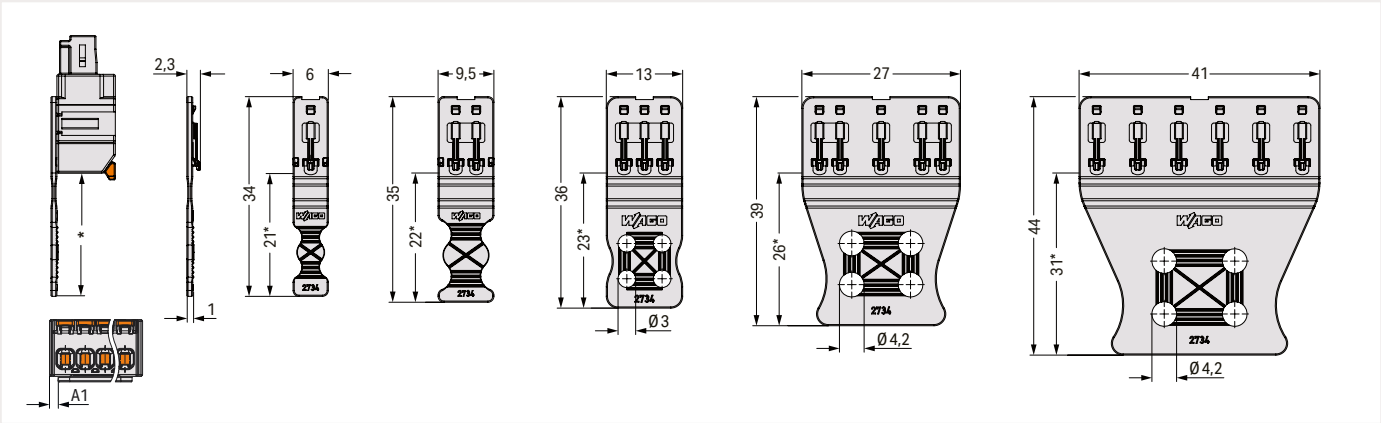
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

Strain relief plate ▸ snap-on type ▸ for female connectors with levers ▸ Color: light gray

MCS MINI

2734-534

Pole No.	Width	Item No.	PU
2	6 mm	**2734-532**	25
3	9,5 mm	**2734-533**	25
4 … 7	13 mm	**2734-534**	25
8 … 11	27 mm	**2734-535**	25
12 … 16	41 mm	**2734-536**	25



* Strain relief plate projection
Pole No. 2; 3; 4; 8; 12: A1 = 1.55 mm
Pole No. 5; 6; 9; 13; 14: A1 = 5.05 mm
Pole No. 7; 11; 15; 16: A1 = 8.55 mm

Mounting the strain relief plate

Insert the strain relief plate into the receptacle and pull until it hits the backstop in the conductor connection direction.

Strain relief plate; mounted on field side

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

1-conductor female connector ▶ *MCS* MIDI ▶ 2721 Series

Pin spacing: 5 mm / 0.197 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: light gray

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Just 11.5 mm tall
- Test slot 0° and 90° to conductor entry
- 100% protected against mismating
- Coding option available

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

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	11 … 12 mm / 0.43 … 0.47 inches
Solid conductor	0.2 … 2.5 mm² / 24 … 12 AWG
Fine-stranded conductor	0.2 … 2.5 mm² / 24 … 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 … 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 2.5 mm²

Material Data	
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin

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

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

For approvals and corresponding ratings, visit www.wago.com

1-conductor female connector ▶ *MCS* MIDI ▶ 2721 Series

Pin spacing: 5 mm / 0.197 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: light gray

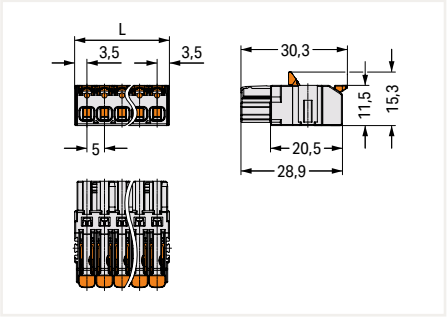
	Locking of plug-in connection: Lateral locking lever

2721-1106/326-000

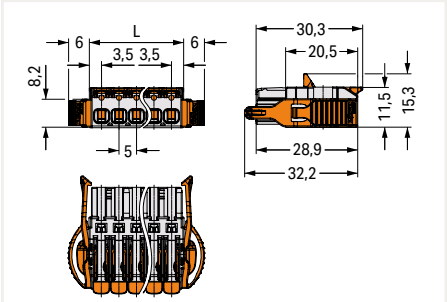
2721-1106/-037000

Pole No.	Item No.	PU
2	2721-1102/326-000	100
3	2721-1103/326-000	100
4	2721-1104/326-000	100
5	2721-1105/326-000	50
6	2721-1106/326-000	50
8	2721-1108/326-000	50
10	2721-1110/326-000	50
12	2721-1112/326-000	25
16	2721-1116/326-000	25

Pole No.	Item No.	PU
2	2721-1102/037-000	100
3	2721-1103/037-000	50
4	2721-1104/037-000	50
5	2721-1105/037-000	50
6	2721-1106/037-000	50
8	2721-1108/037-000	25
10	2721-1110/037-000	25
12	2721-1112/037-000	25
16	2721-1116/037-000	10



L = (pole no. x pin spacing) + 2 mm
2-pole female connectors – one latch only



L = (pole no. x pin spacing) + 2 mm
2-pole female connectors – one latch only

Pole No.s 2 ... 6 and 16 available from April 2023
Pole No.s 8, 10 and 12 available from November 2023

PU = packaging unit; SPU = subpackaging unit; Dimensions in mm

Variants:
- Gold-plated or partially gold-plated contact surfaces
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

1-conductor female connector ▶ *MCS* MIDI Classic ▶ 2231 Series

Pin spacing: 5 mm / 0.197 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: gray

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Just 11.5 mm tall
- Test slot 0° and 90° to conductor entry
- Coding option available

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

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	11 … 12 mm / 0.43 … 0.47 inches
Solid conductor	0.2 … 2.5 mm² / 24 … 12 AWG
Fine-stranded conductor	0.2 … 2.5 mm² / 24 … 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 … 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 2.5 mm²

Material Data	
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin

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

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

For approvals and corresponding ratings, visit www.wago.com

1-conductor female connector ▶ *MCS* MIDI Classic ▶ 2231 Series
Pin spacing: 5 mm / 0.197 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: gray

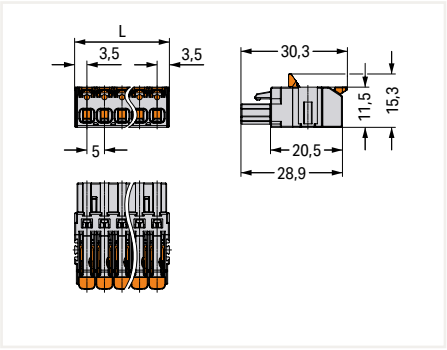
	Locking of plug-in connection: Lateral locking lever

2231-1106/327-000

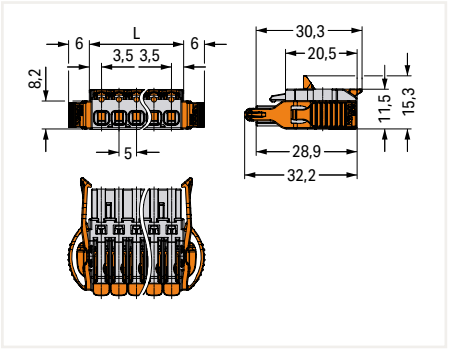
2231-1106/038-000

Pole No.	Item No.	PU
2	2231-1102/327-000	100
3	2231-1103/327-000	100
4	2231-1104/327-000	100
5	2231-1105/327-000	50
6	2231-1106/327-000	50
8	2231-1108/327-000	50
10	2231-1110/327-000	50
12	2231-1112/327-000	25
16	2231-1116/327-000	25

Pole No.	Item No.	PU
2	2231-1102/038-000	100
3	2231-1103/038-000	50
4	2231-1104/038-000	50
5	2231-1105/038-000	50
6	2231-1106/038-000	50
8	2231-1108/038-000	25
10	2231-1110/038-000	25
12	2231-1112/038-000	25
16	2231-1116/038-000	10



L = (pole no. x pin spacing) + 2 mm
2- to 3-pole female connectors – one latch only



L = (pole no. x pin spacing) + 2 mm
2- to 3-pole female connectors – one latch only

Pole No.s 2 ... 6 and 16 available from April 2023
Pole No.s 8, 10 and 12 available from November 2023

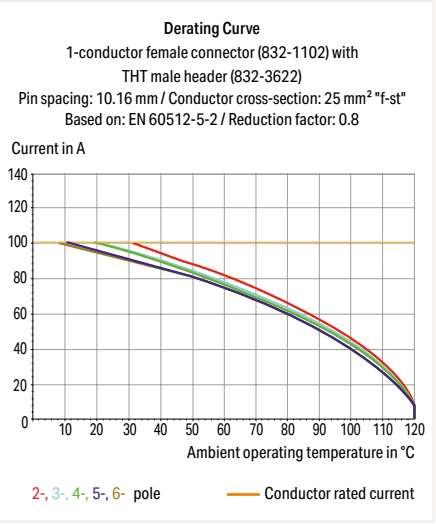
PU = packaging unit; SPU = subpackaging unit; Dimensions in mm

Variants:
- Gold-plated or partially gold-plated contact surfaces
- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

1-conductor for male and female connectors ▶ *MCS* MAXI 16 ▶ 832 Series

Pin spacing: 10.16 mm / 0.4 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: light gray

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



Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	1000 V	1000 V	1000 V
Rated surge voltage	8 kV	8 kV	8 kV
Rated current	76 A	76 A	76 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	66 A	66 A	-

Approvals per	UL 1977
Rated voltage	600 V
Rated current	85 A

Approvals per	CSA		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	66 A	66 A	-

Connection data

Connection technology	Push-in CAGE CLAMP®
Strip length	18 … 20 mm / 0.71 … 0.79 inches
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 … 16 mm²
Fine-stranded conductor; with uninsulated ferrule	0.75 … 16 mm²

Material Data

Insulation material	Polybutylene terephthalate (PBT)
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Silver

Environmental requirements

Limit temperature range	-60 … +120 °C

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

For approvals and corresponding ratings, visit www.wago.com

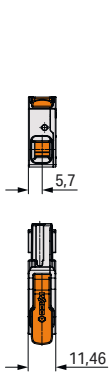
1-conductor for male and female connectors ▶ *MCS* MAXI 16 ▶ 832 Series

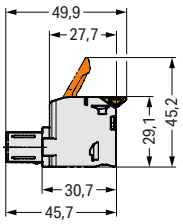
Pin spacing: 10.16 mm / 0.4 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶ Color: light gray

1-conductor female connector

832-1101/011-000

Pole No.	Item No.	PU
1	832-1101/011-000	24

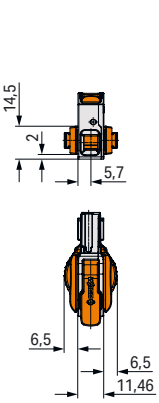


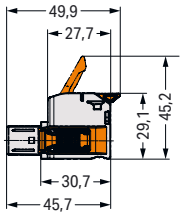


1-conductor female connector ▶ Locking of plug-in connection: Lateral locking lever

832-1101/011-000/037-000

Pole No.	Item No.	PU
1	832-1101/011-000/037-000	24

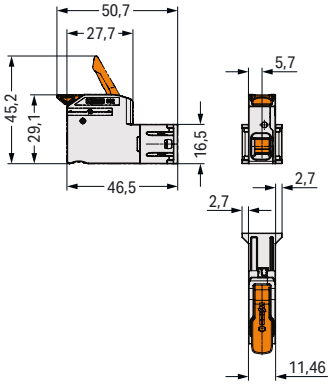




1-conductor male connector

832-1201/011-000

Pole No.	Item No.	PU
1	832-1201/011-000	24

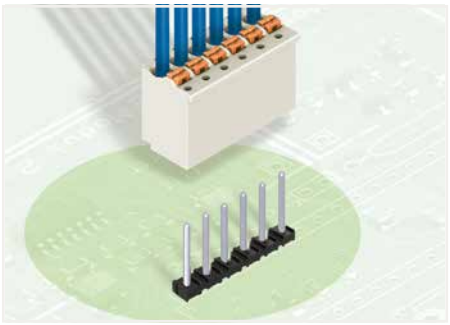


PU = packaging unit; SPU = subpackaging unit; Dimensions in mm

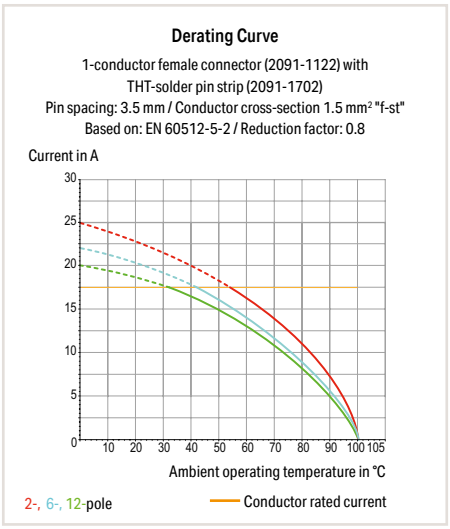
Variants:

- Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

THT Solder pin strip ▸ *picoMAX*® 3.5 ▸ 2091 Series
Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin length: 3.6 mm ▸ Color: black



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



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

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

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

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

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

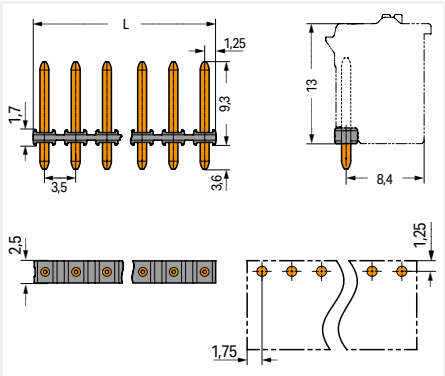
THT Solder pin strip ▸ *picoMAX*® 3.5 ▸ 2091 Series

Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin length: 3.6 mm ▸ Color: black

Mating direction to the PCB: 90°

2091-1706

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

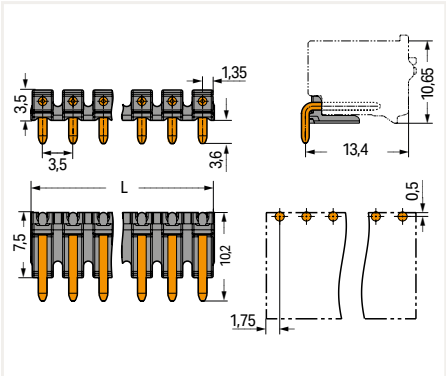


L = (pole no. – 1) x pin spacing + 2.5 mm

Mating direction to the PCB: 0°

2091-1726

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



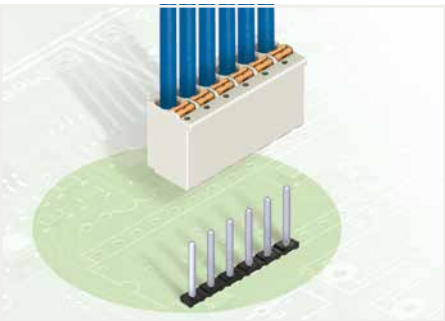
L = (pole no. – 1) x pin spacing + 2.7 mm

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

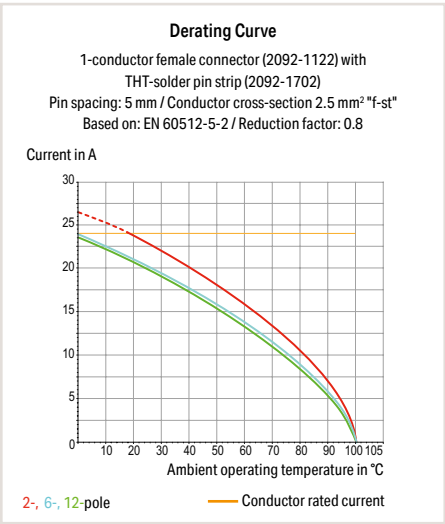
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other Pole No.s

THT Solder pin strip ▸ *picoMAX*® 5.0 ▸ 2092 Series
Pin spacing: 5 mm / 0.197 inches ▸ Solder pin length: 3.6 mm ▸ Color: black



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



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

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

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

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

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

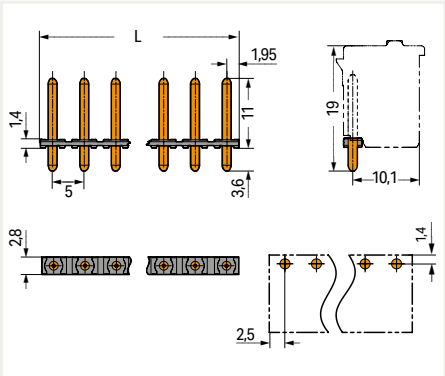
THT Solder pin strip ▸ *picoMAX*® 5.0 ▸ 2092 Series

Pin spacing: 5 mm / 0.197 inches ▸ Solder pin length: 3.6 mm ▸ Color: black

Mating direction to the PCB: 90°

2092-1706

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

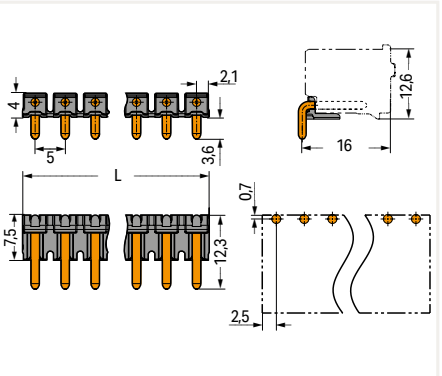


L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

2092-1726

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



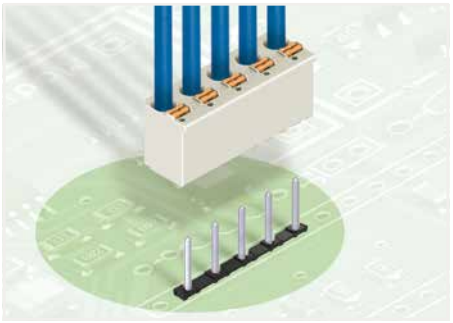
L = (pole no. – 1) x pin spacing + 4.2 mm

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

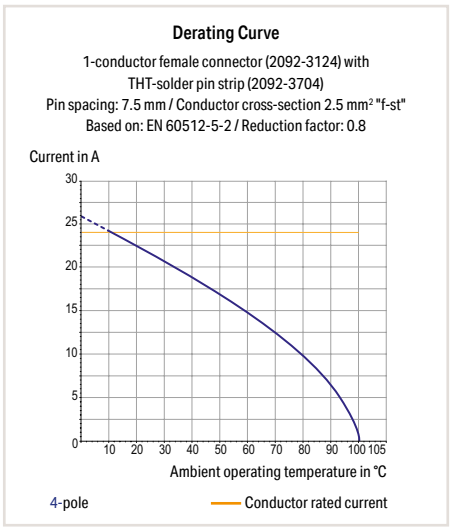
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other Pole No.s

THT Solder pin strip ▸ *picoMAX*® 7.5 ▸ 2092 Series
Pin spacing: 7.5 mm / 0.295 inches ▸ Solder pin length: 3.6 mm ▸ 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.

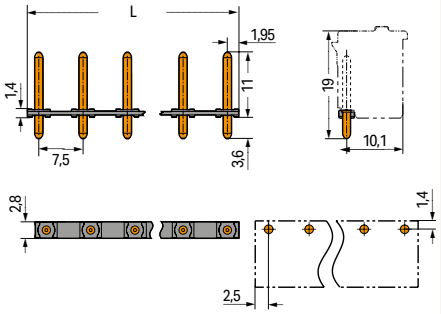
THT Solder pin strip ▸ *picoMAX*® 7.5 ▸ 2092 Series

Pin spacing: 7.5 mm / 0.295 inches ▸ Solder pin length: 3.6 mm ▸ Color: black

Mating direction to the PCB: 90°

2092-3705

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

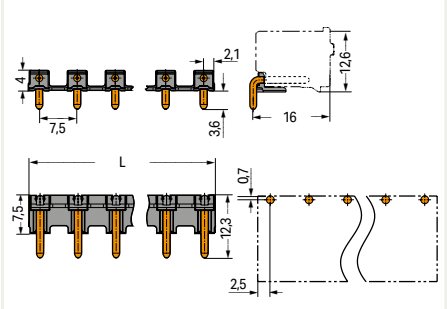


L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

2092-3725

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



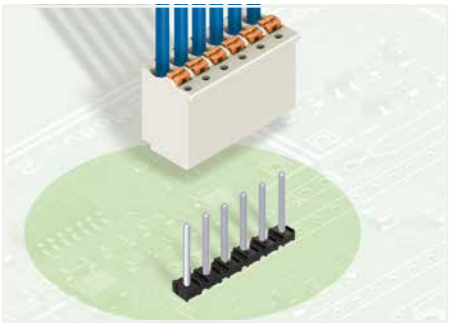
L = (pole no. – 1) x pin spacing + 4.2 mm

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

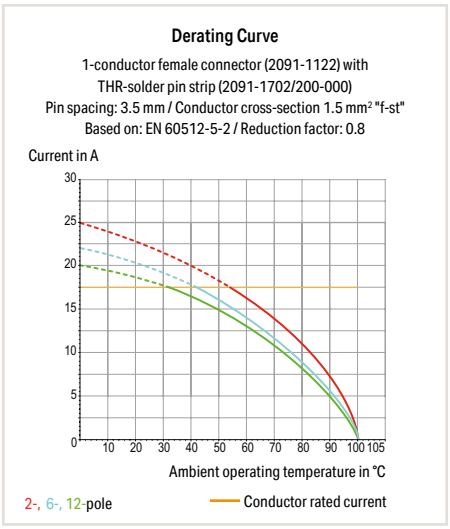
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other Pole No.s

THR Solder pin strip ▸ *picoMAX*® 3.5 ▸ 2091 Series
Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin length: 2.4 mm ▸ Color: black



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



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

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

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

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

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

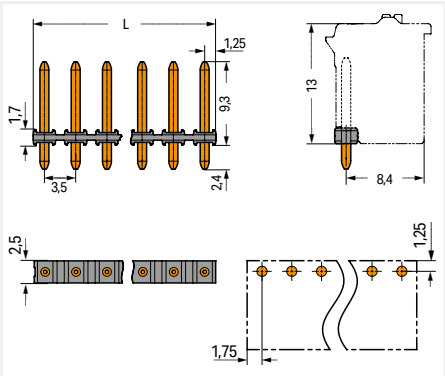
THR Solder pin strip ▸ *picoMAX*® 3.5 ▸ 2091 Series

Pin spacing: 3.5 mm / 0.138 inches ▸ Solder pin length: 2.4 mm ▸ Color: black

Mating direction to the PCB: 90°

2091-1706/200-000

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

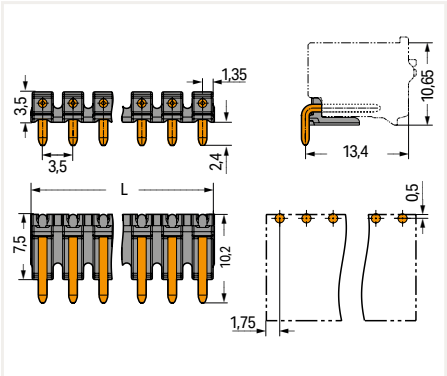


L = (pole no. – 1) x pin spacing + 2.5 mm

Mating direction to the PCB: 0°

2091-1726/200-000

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



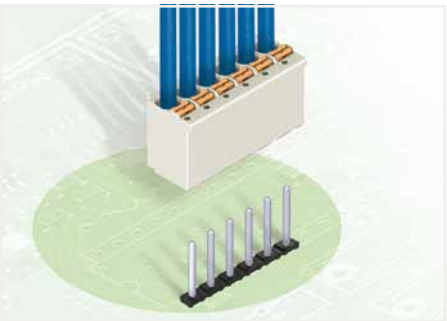
L = (pole no. – 1) x pin spacing + 2.7 mm

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

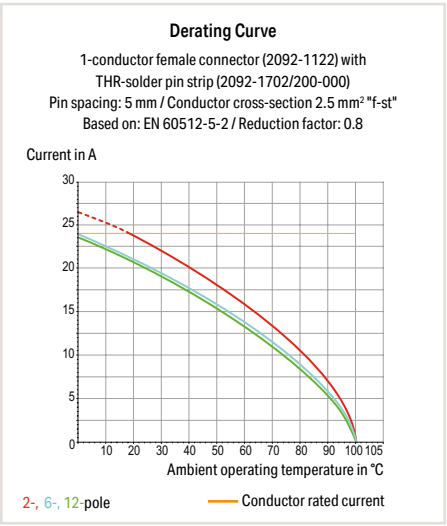
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other Pole No.s

THR Solder pin strip ▸ *picoMAX*® 5.0 ▸ 2092 Series
Pin spacing: 5 mm / 0.197 inches ▸ Solder pin length: 2.4 mm ▸ Color: black



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



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

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

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

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

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

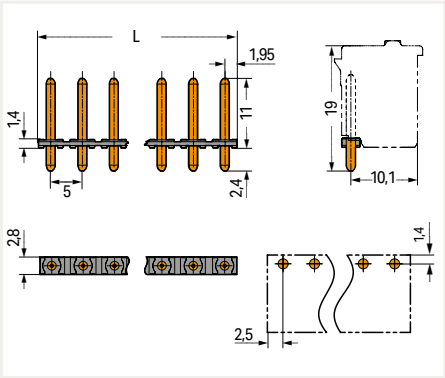
THR Solder pin strip ▸ *picoMAX*® 5.0 ▸ 2092 Series

Pin spacing: 5 mm / 0.197 inches ▸ Solder pin length: 2.4 mm ▸ Color: black

Mating direction to the PCB: 90°

2092-1706/200-000

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

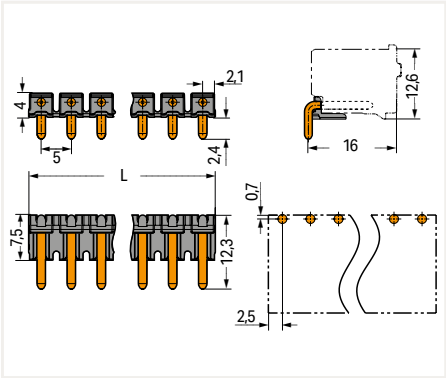


L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

2092-1726/200-000

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



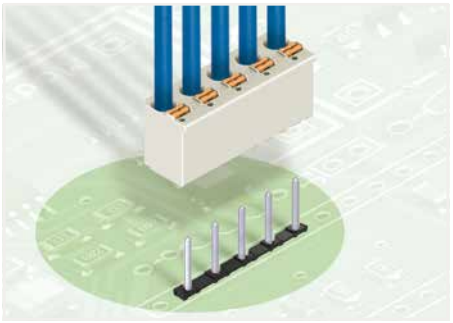
L = (pole no. – 1) x pin spacing + 4.2 mm

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

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

- Other Pole No.s

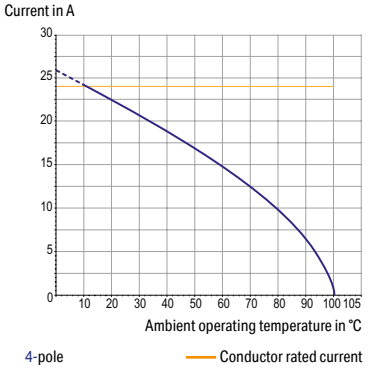
THR Solder pin strip ▸ *picoMAX*® 7.5 ▸ 2092 Series
Pin spacing: 7.5 mm / 0.295 inches ▸ Solder pin length: 2.4 mm ▸ Color: black



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

Derating Curve

1-conductor female connector (2092-3124) with
THR-solder pin strip (2092-3704/200-000)
Pin spacing: 7.5 mm / Conductor cross-section 2.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8



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

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

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

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

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

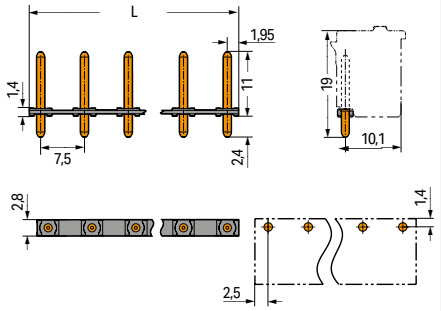
THR Solder pin strip ▸ *picoMAX*® 7.5 ▸ 2092 Series

Pin spacing: 7.5 mm / 0.295 inches ▸ Solder pin length: 2.4 mm ▸ Color: black

Mating direction to the PCB: 90°

2092-3705/200-000

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

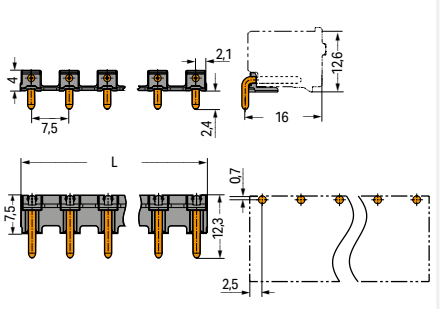


L = (pole no. – 1) x pin spacing + 3.9 mm

Mating direction to the PCB: 0°

2092-3725/200-000

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



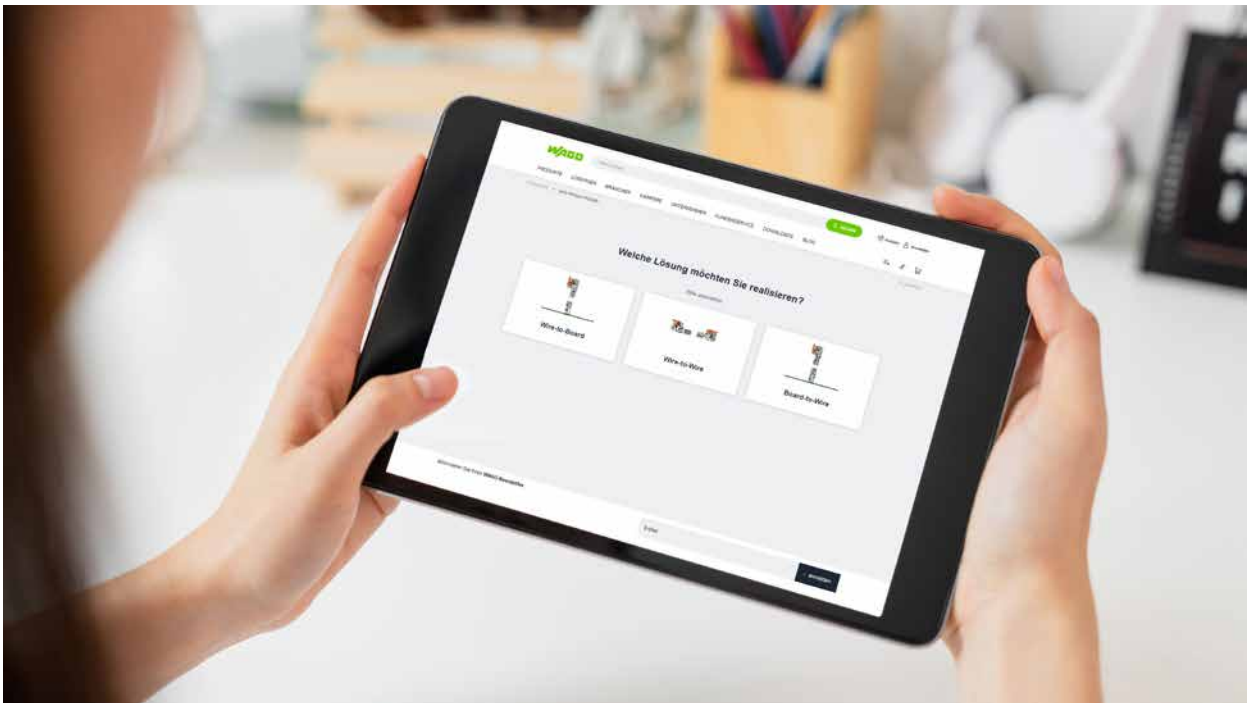
L = (pole no. – 1) x pin spacing + 4.2 mm

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

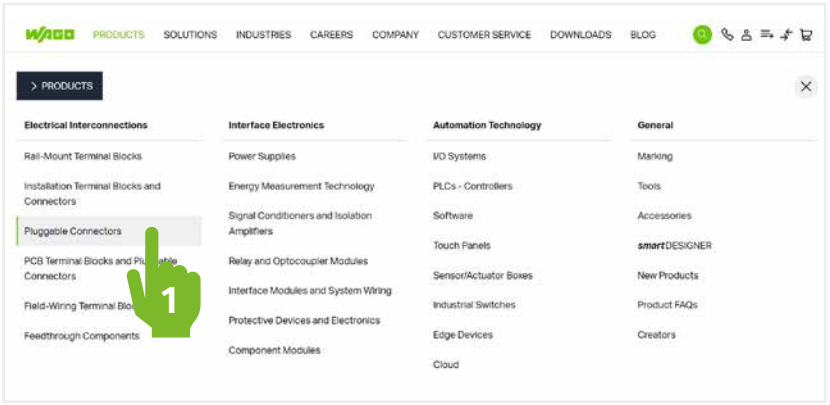
Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/:

- Other Pole No.s

Product Finder: Pluggable PCB Connectors



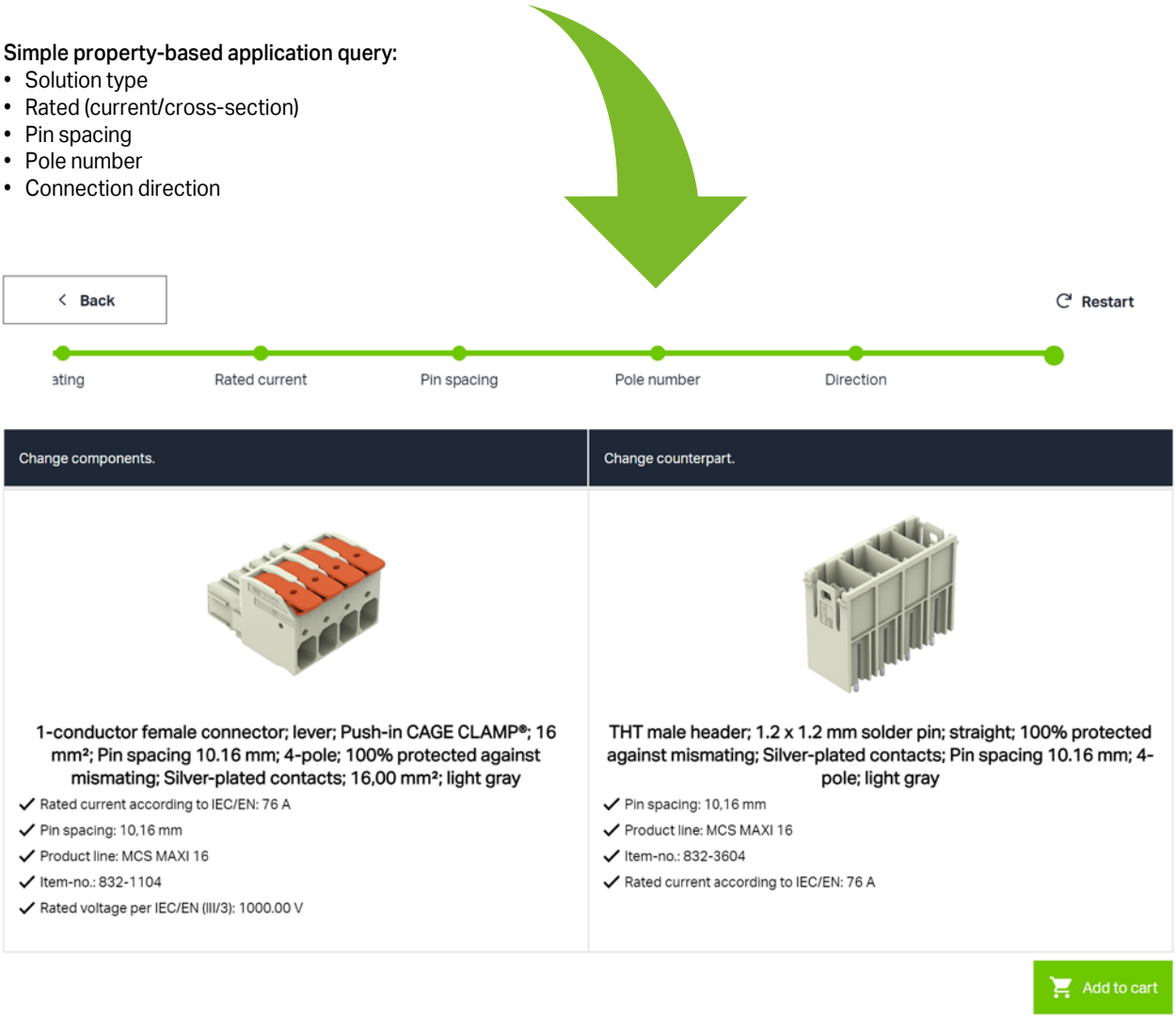
https://www.wago.com/global/electrical-interconnections/discover-pluggable-connectors/mcs-produktfinder



Find the Right Items in Just a Few Clicks

Simple property-based application query:

- Solution type
- Rated (current/cross-section)
- Pin spacing
- Pole number
- Connection direction



Easy. Fast. Simple.

WAGO Marking

WAGO Marking

Marking Devices
Printer model: WAGO Thermal Transfer Smart Printer ▶ Marking method: Thermal transfer

Available in May 2024

Connection Data	
Interfaces	USB; RS-232, ETHERNET 10/100 Mbps

System Requirements	
Supported operating systems	Windows 7; Windows 8; Windows 10; Windows 11; Linux®
Memory	4 GB

Technical Data	
Marking method	Thermal transfer
Operating voltage	100 … 240 VAC, 50 … 60 Hz (automatic adjustment)
Print resolution	300 dpi (12 pixels/mm)
Print speed	Max. 127 mm/s (recommended: 50.8 mm/s)
Print width (max.)	47 mm
Print length (max.)	762 mm
Print head	Glass layer, spring-mounted
See-through/reflective sensor	Yes, centrally mounted
Memory	8 GB
Operating display	Color TFT LCD with navigation button
Safety approvals	CE (EMC)
Ink ribbon	External roll diameter: 40 mm; Internal core diameter: 12.7 mm (0.5 inch); Length: max. 110 m; Width: max. 58 mm

Mechanical Data	
Dimensions W x H x D	(135 x 175 x 245) mm

Environmental Requirements	
Ambient temperature (operation)	+5 … +40 °C
Ambient temperature (storage)	-20 … +50 °C

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- Open and print prepared desktop version projects in the app.

FOR IOS AND ANDROID
Smartphone and Tablet

Download the app now:
www.wago.com/mobile-marking-system

Marking Devices

Printer model: WAGO Thermal Transfer Smart Printer ▸ Marking method: Thermal transfer

Starter Kit
Includes: power supply + cable, 2 x roller (258-5006 + 258-5007), 1 x reel holder, 1 x ink ribbon (258-5005), WAGO Marking Software Smart Script and driver, USB cable, external unwinder, 1 x empty cardboard roller core, 1 x reel of marking strips (2009-110) and WMB Inline markers (2009-115) each

258-5107

Color	Item No.	PU
◯	258-5107	1

Base Kit
Includes: power supply + cable, 2 x roller (258-5006 + 258-5007), 1 x reel holder, 1 x ink ribbon (258-5005), WAGO Marking Software Smart Script and driver, USB cable, external unwinder, 1 x empty cardboard core

258-5108

Color	Item No.	PU
◯	258-5108	1

Mobile Starter Kit
Includes: USB adapter *Bluetooth*® 5.0 Nano (258-5102), tool bag (large) (206-3010), power supply + cable, 2 x roller (258-5006 + 258-5007), 1 x reel holder, 1 x ink ribbon (258-5005), WAGO Marking Software Smart Script and driver, USB cable, external unwinder, 1 x empty cardboard core

258-5100

Color	Item No.	PU
◯	258-5100	1

Accessories: for all products on this page

USB Adapter *Bluetooth*® 5.0 Nano ▸ for WAGO Thermal Transfer Smart Printer

Color	Item No.	PU
◯	258-5102	1

Wireless Micro USB Adapter ▸ for WAGO Thermal Transfer Smart Printer

Color	Item No.	PU
◯	258-5103	1

Power Bank; 12 … 24 V; 20.1 Ah ▸ for WAGO Thermal Transfer Smart Printer

Color	Item No.	PU
◯	258-5104	1

Tool Bag (large)

Color	Item No.	PU
◯	206-3010	1

Push-Button Label
210 Series

Suitable for Schneider push-button frames

Marking surface: 27 x 18 mm ▸ Depth: 0.23 mm ▸ Mounting type: adhesive ▸ 350 markers/reel; 1 line

210-864

Color	Item No.	PU
silver-colored	210-864	1

Marking surface: 27 x 8 mm ▸ Depth: 0.23 mm ▸ Mounting type: adhesive ▸ 350 markers/reel; 1 line

210-866

Color	Item No.	PU
silver-colored	210-866	1

WAGO Accessories and WAGO Tools

WAGO Accessories and WAGO Tools

Control Cabinet Outlet
709 Series

Technical Data		
Ratings per	NF C 61-314	
Voltage type	AC	
Rated voltage	250 V	
Rated surge voltage	2 kV	
Rated current	16 A	

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Type 2 (3.5 x 0.5) mm blade
Actuation direction	Operation parallel to conductor entry
Connectable conductor materials	Copper
Solid conductor	0.2 … 2.5 mm / 24 … 14 AWG
Stranded conductor	0.2 … 2.5 mm / 24 … 14 AWG
Fine-stranded conductor	0.2 … 2.5 mm / 24 … 14 AWG
Strip length	9 … 10 mm / 0.35 … 0.39 inch
Pole number	3

Mechanical Data	
Mounting type	DIN-35 rail
Protection type	IP20
Potential marking	N PE L

Material Data	
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Sn

Environmental Requirements	
Continuous operating temperature:	–35 … +85 °C

❶ The outlets are available in three colors to identify different circuits:
- Item number 709-571: gray (standard)
- Item number 709-572: yellow (permanently live)
- Item number 709-573: red (UPS)

Approvals and corresponding ratings, visit www.wago.com

Control Cabinet Outlet
709 Series

Dimensions in mm

Control cabinet outlet ▸ for DIN-rail and screw mounting ▸ for plug type E, standard in PL, BE, FR ▸ with status LED ▸ with Push-in CAGE CLAMP® double connection		
Color	Item No.	PU
light gray	709-571	1

Dimensions in mm

Control cabinet outlet ▸ for DIN-rail and screw mounting ▸ for plug type E, standard in PL, BE, FR ▸ with status LED ▸ with Push-in CAGE CLAMP® double connection		
Color	Item No.	PU
yellow	709-572	1

Dimensions in mm

Control cabinet outlet ▸ for DIN-rail and screw mounting ▸ for plug type E, standard in PL, BE, FR ▸ with status LED ▸ with Push-in CAGE CLAMP® double connection		
Color	Item No.	PU
red	709-573	1

VDE Screwdriver

Slot screwdriver ▸ (2.5 x 0.4 x 75) mm		
Color	Item No.	PU
	206-2111	1

Slot screwdriver ▸ (3.0 x 0.5 x 0.4) mm		
Color	Item No.	PU
	206-2112	1

Slot screwdriver ▸ (3.5 x 0.6) mm		
Color	Item No.	PU
	206-2113	1

Slot screwdriver ▸ (4.0 x 0.8) mm		
Color	Item No.	PU
	206-2114	1

Slot screwdriver ▸ (5.5 x 1.0) mm		
Color	Item No.	PU
	206-2115	1

Slot screwdriver ▸ (6.5 x 1.2) mm		
Color	Item No.	PU
	206-2116	1

Slot screwdriver ▸ (8.0 x 1.2) mm		
Color	Item No.	PU
	206-2117	1

Phillips screwdriver ▸ PH0 ▸ 60 mm		
Color	Item No.	PU
	206-2120	1

Phillips screwdriver ▸ PH1 ▸ 80 mm		
Color	Item No.	PU
	206-2121	1

Phillips screwdriver ▸ PH2 ▸ 100 mm		
Color	Item No.	PU
	206-2122	1

Phillips screwdriver ▸ PH2 ▸ 150 mm		
Color	Item No.	PU
	206-2123	1

Phillips screwdriver ▸ PZ0 ▸ 60 mm		
Color	Item No.	PU
	206-2130	1

Phillips screwdriver ▸ PZ1 ▸ 80 mm		
Color	Item No.	PU
	206-2131	1

Phillips screwdriver ▸ PZ2 ▸ 100 mm		
Color	Item No.	PU
	206-2132	1

Phillips screwdriver ▸ PZ2 ▸ 150 mm		
Color	Item No.	PU
	206-2133	1

Combination screwdriver ▸ Cross and slot +/- PH1/S		
Color	Item No.	PU
	206-2141	1

Combination screwdriver ▸ Cross and slot +/- PH2/S		
Color	Item No.	PU
	206-2142	1

Combination screwdriver ▸ Cross and slot +/- PZ1/S		
Color	Item No.	PU
	206-2151	1

Combination screwdriver ▸ Cross and slot +/- PZ2/S		
Color	Item No.	PU
	206-2152	1

Torx® T8 screwdriver		
Color	Item No.	PU
	206-2163	1

Torx® T10 screwdriver		
Color	Item No.	PU
	206-2164	1

Torx® T15 screwdriver		
Color	Item No.	PU
	206-2165	1

Torx® T20 screwdriver		
Color	Item No.	PU
	206-2166	1

Torx® T25 screwdriver		
Color	Item No.	PU
	206-2167	1

Torx® T30 screwdriver		
Color	Item No.	PU
	206-2169	1

Tool Bag

Tool bag ▸ empty ▸ compatible with L-BOXX Micro and Mini ▸ Capacity: 12 kg		
	Item No.	PU
	206-3000	1

Tool bag (large)		
	Item No.	PU
	206-3010	1

Item Number Index

Products highlighted in RED are new items for Spring 2024

Item Number Index

Notes

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