



# Electrical Interconnection

## Supplementary Catalog

Edition 2024/1



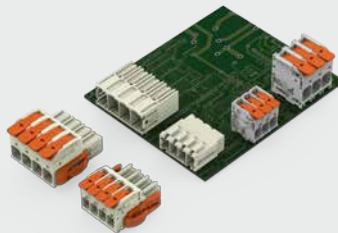
### WAGO Rail-Mount Terminal Blocks and Connectors

Edition 2023/2024



### WAGO PCB Terminal Blocks and Connectors

Edition 2023/2024



### WAGO Pluggable Connection System WINSTA®

Edition 2023/2024



### WAGO Automation Technology

Edition 2023/2024



### WAGO Interface Electronics

Edition 2023/2024



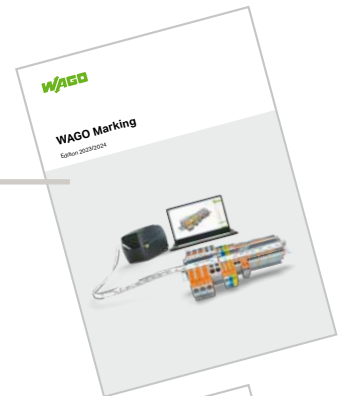
### WAGO Marking

Edition 2023/2024



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

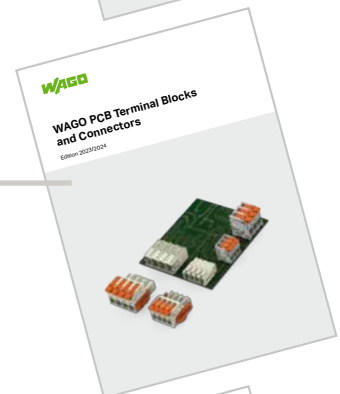
WAGO Marking



WAGO Pluggable Connection System  
WINSTA®







WAGO PCB Terminal Blocks and Connectors

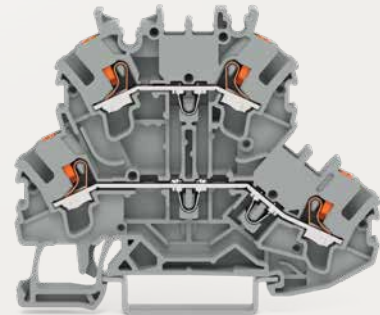
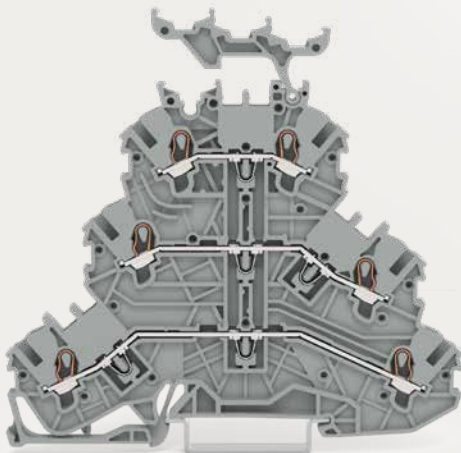
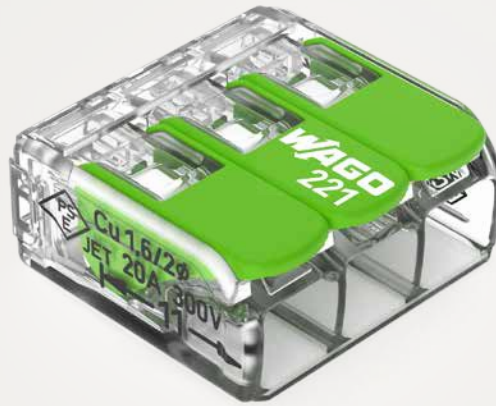


WAGO Rail-Mount Terminal Blocks and Connectors









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## WAGO Rail-Mount Terminal Blocks and Connectors

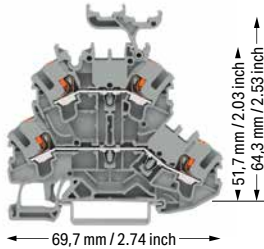
## WAGO Rail-Mount Terminal Blocks and Connectors

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## Double-Deck Terminal Block TOPJOB® S ▶ with Push-Button 1 (1.5) mm<sup>2</sup> ▶ 2200 Series

### Technical Data

0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 10 A ③
I <sub>N</sub> 13,5 A (16 A)	300 V, 10 A ④
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 ⑤	2200-2231 ④	50
○ N/L ⑤	2200-2232 ④	50
○ L/N ⑤	2200-2233 ④	50

Double-deck terminal block ▶ through/through terminal block ▶ with marker carrier ▶ orange

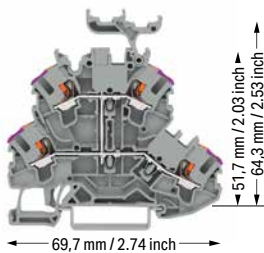
●	2200-2236 ④	50
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Double-deck terminal block ▶ through/through terminal block ▶ without marker carrier ▶ gray

○ L/L ⑤	2200-2201 ④	50
○ N/L ⑤	2200-2202 ④	50
○ L/N ⑤	2200-2203 ④	50

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

●	N/L ⑤	2200-2206 ④	50
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Double-deck terminal block ▶ 4-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ violet conductor entry ▶ gray

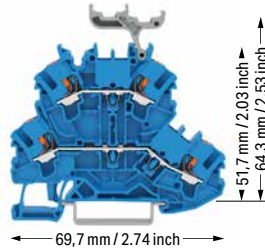
	Item No.	Pack. Unit
○ L ⑤	2200-2238 ④	50

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

○ L ⑤	2200-2208 ④	50
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### Technical Data

0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 10 A ③
I <sub>N</sub> 13,5 A (16 A)	300 V, 10 A ④
Terminal block width: 3.5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

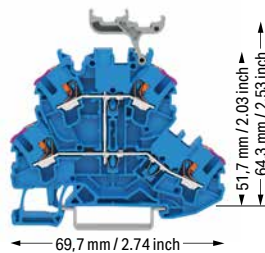


Double-deck terminal block ▶ through/through terminal block ▶ with marker carrier ▶ blue

●	N/N ⑤	2200-2234 ③ ④	50
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Double-deck terminal block ▶ through/through terminal block ▶ without marker carrier ▶ blue

●	N/N ⑤	2200-2204 ③ ④	50
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Double-deck terminal block ▶ 4-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ violet conductor entry ▶ blue

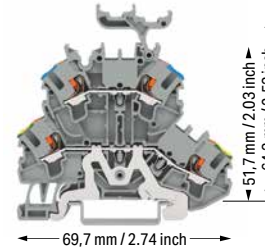
●	N ⑤	2200-2239 ③ ④	50
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Double-deck terminal block ▶ 4-conductor through terminal block ▶ without marker carrier ▶ internally commoned ▶ violet conductor entry ▶ blue

●	N ⑤	2200-2209 ③ ④	50
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### Technical Data

0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 10 A ③
I <sub>N</sub> 13,5 A (16 A)	300 V, 10 A ④
Terminal block width: 3.5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

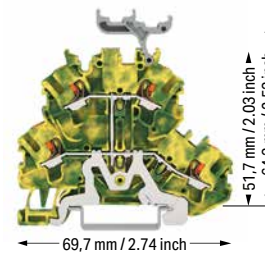


Double-deck terminal block ▶ ground conductor/through terminal block ▶ with marker carrier ▶ blue

	Item No.	Pack. Unit
○ PE/N ⑤	2200-2247 ④	50
○ PE/L ⑤	2200-2257 ④	50

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

○ PE/N ⑤	2200-2217 ④	50
○ PE/L ⑤	2200-2227 ④	50



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

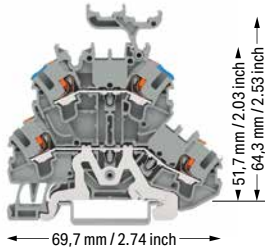
●	PE ⑤	2200-2237 ④	50
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Double-deck terminal block ▶ 4-conductor ground terminal block ▶ without marker carrier ▶ internally commoned ▶ green-yellow

●	PE ⑤	2200-2207 ④	50
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## Technical Data

0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 10 A ③
I <sub>N</sub> 13.5 A (16 A)	300 V, 10 A ④
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

○ Shield/N	2200-2218	50
○ Shield/L	2200-2228	50

- Conductor range: 0.14 ... 1.5 mm<sup>2</sup> "s+f-st"; Push-in termination: 0.5 ... 1.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 mm<sup>2</sup> "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
- 500 V = rated voltage  
6 kV = rated impulse voltage  
3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.  
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](http://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)
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Push-in type jumper bar ▶ insulated ▶ I<sub>N</sub> 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<sub>N</sub> 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<sub>N</sub> 13.5 A

	light gray	2000-492	100 (25)
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## Protective warning marker ▶ with black high-voltage symbol ▶ for 5 terminal blocks

	yellow	2000-115	100 (25)
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## Test plug adapter ▶ for 4 mm Ø test plug

	gray	2009-174	100 (25)
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## Accessories; 2000 Series

Appropriate marking systems:  
WMB/WMB Inline/Marking strips

Testing tap ▶ for max. 2.5 mm<sup>2</sup>

	gray	2009-182	100 (25)
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## Marking strip ▶ plain ▶ 11 mm wide ▶ 50 m reel

	white	2009-110	1
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## WMB Inline ▶ plain ▶ 2,300 WMB markers (3.5 mm)/reel

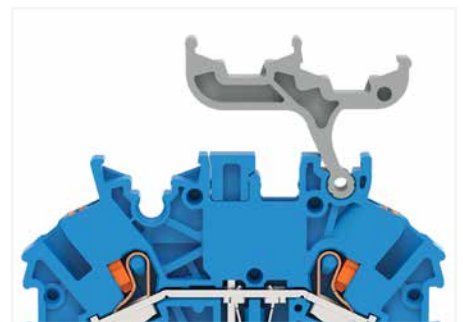
	white	2009-113	1
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## WMB marking card ▶ white ▶ 10 strips with 10 markers/card ▶ for 3.5 mm terminal block width

	plain	793-3501	5
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## Double-deck marker carrier ▶ pivoting

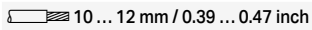
	gray	2000-121	50 (25)
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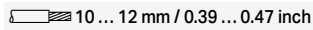


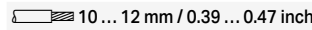
## Double-deck terminal blocks:

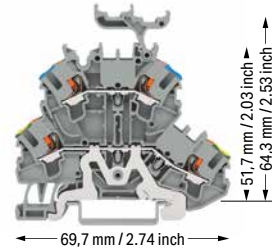
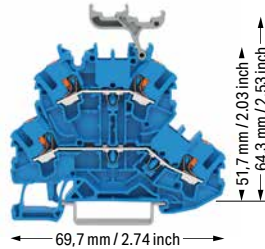
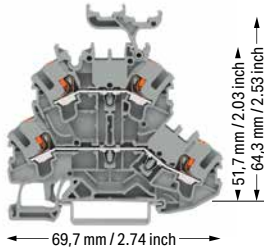
A double-deck marker carrier (2000-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

## Double-Deck Terminal Block TOPJOB® S ▶ with Push-Button 2.5 (4) mm<sup>2</sup> ▶ 2202 Series

Technical Data	
0.25 ... 2.5 (4) mm <sup>2</sup> ①	22 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I <sub>N</sub> 23 A (28 A)	300 V, 20 A ④
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm <sup>2</sup> ①	22 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I <sub>N</sub> 23 A (28 A)	300 V, 20 A ④
Terminal block width: 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	

Technical Data	
0.25 ... 2.5 (4) mm <sup>2</sup> ①	22 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I <sub>N</sub> 23 A (28 A)	300 V, 20 A ④
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 ⑤	2202-2231 ④	50
○ N/L ⑤	2202-2232 ④	50
○ L/N ⑤	2202-2233 ④	50

Double-deck terminal block ▶ through/through terminal block ▶ with marker carrier ▶ blue		
	Item No.	Pack. Unit
● N/N ⑤	2202-2234 ③ ④	50

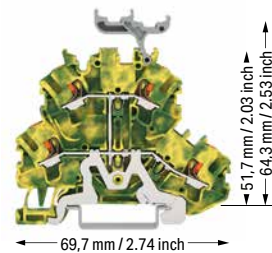
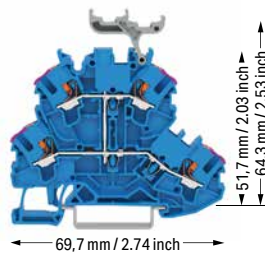
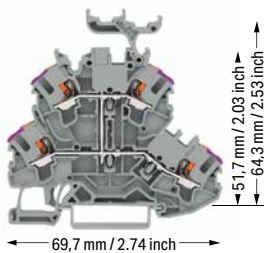
Double-deck terminal block ▶ ground conductor/through terminal block ▶ with marker carrier ▶ blue		
	Item No.	Pack. Unit
○ PE/N ⑤	2202-2247 ④	50
○ PE/L ⑤	2202-2257 ④	50

Double-deck terminal block ▶ through/through terminal block ▶ without marker carrier ▶ gray		
	Item No.	Pack. Unit
○ L/L ⑤	2202-2201 ④	50
○ N/L ⑤	2202-2202 ④	50
○ L/N ⑤	2202-2203 ④	50

Double-deck terminal block ▶ through/through terminal block ▶ without marker carrier ▶ blue		
	Item No.	Pack. Unit
● N/N ⑤	2202-2204 ③ ④	50

Double-deck terminal block ▶ ground conductor/through terminal block ▶ without marker carrier ▶ gray		
	Item No.	Pack. Unit
○ PE/N ⑤	2202-2217 ④	50
○ PE/L ⑤	2202-2227 ④	50

Double-deck terminal block ▶ through/through terminal block ▶ without marker carrier ▶ orange		
	Item No.	Pack. Unit
● N/L ⑤	2202-2206 ④	50



Double-deck terminal block ▶ 4-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ violet conductor entry ▶ gray		
	Item No.	Pack. Unit
○ L ⑤	2202-2238 ④	50

Double-deck terminal block ▶ 4-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ violet conductor entry ▶ blue		
	Item No.	Pack. Unit
● N ⑤	2202-2239 ③ ④	50

Double-deck terminal block ▶ 4-conductor ground terminal block ▶ with marker carrier ▶ internally commoned ▶ green-yellow		
	Item No.	Pack. Unit
● PE ⑤	2202-2237 ④	50

Double-deck terminal block ▶ 4-conductor through terminal block ▶ without marker carrier ▶ internally commoned ▶ violet conductor entry ▶ gray		
	Item No.	Pack. Unit
○ L ⑤	2202-2208 ④	50

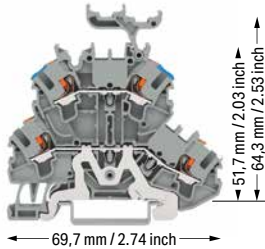
Double-deck terminal block ▶ 4-conductor through terminal block ▶ without marker carrier ▶ internally commoned ▶ violet conductor entry ▶ blue		
	Item No.	Pack. Unit
● N ⑤	2202-2209 ③ ④	50

Double-deck terminal block ▶ 4-conductor ground terminal block ▶ without marker carrier ▶ internally commoned ▶ green-yellow		
	Item No.	Pack. Unit
● PE ⑤	2202-2207 ④	50



## Technical Data

0.25 ... 2.5 (4) mm <sup>2</sup> ①	22 ... 12 AWG
500 V / 6 kV / 3 ②	300 V, 20 A ③
I <sub>N</sub> 23 A (28 A)	300 V, 20 A ④
Terminal block width: 5.2 mm / 0.205 inch	
10 ... 12 mm / 0.39 ... 0.47 inch	



## 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



- Conductor range: 0.25 ... 4 mm<sup>2</sup> "s+f-st";  
Push-in termination: 1 ... 4 mm<sup>2</sup> "s" and 1 ... 2.5 mm<sup>2</sup> "insulated ferrules, 12 mm"  
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
- 500 V = rated voltage  
6 kV = rated impulse voltage  
3 = pollution degree  
(see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.

Approvals and corresponding ratings, visit [www.wago.com](http://www.wago.com)


## 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)
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## 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 mm<sup>2</sup>

	light gray	2002-171	200 (25)
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Insulation stop ▶ 5 pcs/strip ▶ 0.75 ... 1 mm<sup>2</sup>

	dark gray	2002-172	200 (25)
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Push-in type jumper bar ▶ insulated ▶ I<sub>N</sub> 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<sub>N</sub> 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<sub>N</sub> 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)
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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.

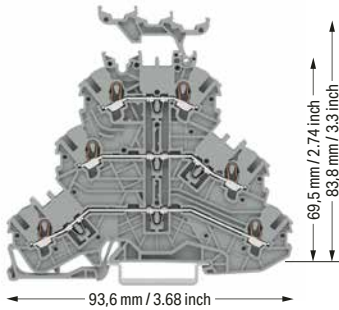
The flexible double-deck marker carrier, which is placed above the wiring level, can be pushed aside during wiring. The carrier has two staggered levels for WMB markers that perfectly align with the terminal block decks. With a terminal block width of just 5.2 mm, an effective width of just 2.6 mm for terminal blocks of same or different potentials can be realized for conductors ranging 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup> (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) mm<sup>2</sup> ▶ 2000 Series

Technical Data	
0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 AⓄ
I <sub>N</sub> 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

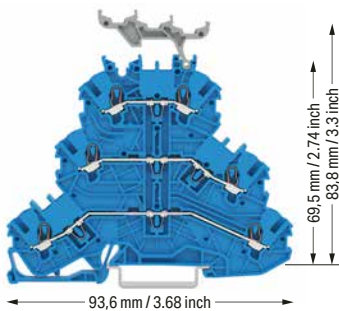


Triple-deck terminal block ▶ through/through/through terminal block ▶ with marker carrier ▶ gray

	Item No.	Pack. Unit
○ L/L/L Ⓞ	2000-3231 ④	50
○ L/L/N Ⓞ	2000-3233 ④	50

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

○ L/L/L	2000-3201 ④	50
○ L/L/N	2000-3203 ④	50



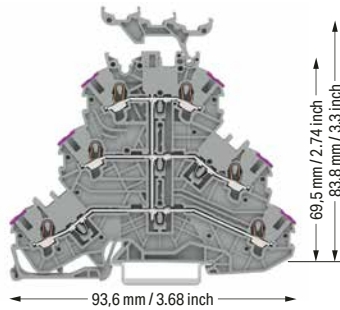
Triple-deck terminal block ▶ through/through/through terminal block ▶ with marker carrier ▶ blue

	Item No.	Pack. Unit
● N/N/N Ⓞ	2000-3234 ③ ④	50

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

● N/N/N Ⓞ	2000-3204 ③ ④	50
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Technical Data	
0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 AⓄ
I <sub>N</sub> 13,5 A (16 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

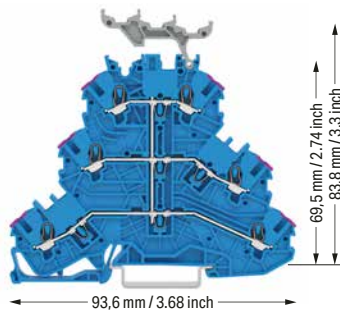


Triple-deck terminal block ▶ 6-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ gray

	Item No.	Pack. Unit
○ L Ⓞ	2000-3238 ④	50

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

○ L Ⓞ	2000-3208 ④	50
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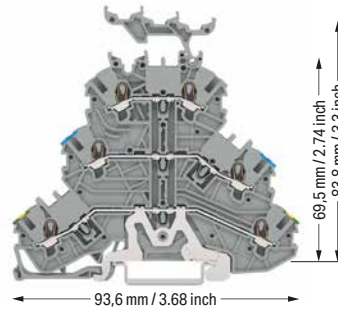
Triple-deck terminal block ▶ 6-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ blue

	Item No.	Pack. Unit
● N Ⓞ	2000-3239 ④	50

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

● N Ⓞ	2000-3209 ④	50
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Technical Data	
0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 AⓄ
I <sub>N</sub> 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

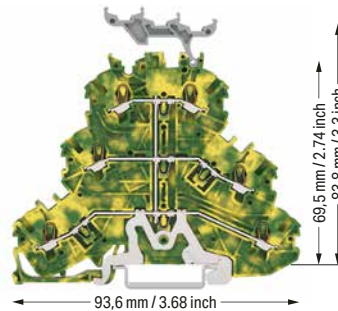


Triple-deck terminal block ▶ ground conductor/through/through terminal block ▶ with marker carrier ▶ gray

	Item No.	Pack. Unit
○ PE/N/L Ⓞ	2000-3247 ④	50
○ PE/L/L Ⓞ	2000-3257 ④	50

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

○ PE/N/L Ⓞ	2000-3217 ④	50
○ PE/L/L Ⓞ	2000-3227 ④	50



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

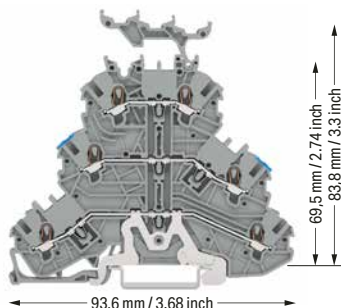
	Item No.	Pack. Unit
● PE Ⓞ	2000-3237 ④	50

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

● PE Ⓞ	2000-3207 ④	50
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**Technical Data**

0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 A <sup>③</sup>
I <sub>N</sub> 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 ④	2000-3248	50
○ Shield/L/L ④	2000-3258	50

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

○ Shield/N/L ④	2000-3218	50
○ Shield/L/L ④	2000-3228	50

- Conductor range: 0.14 ... 1.5 mm<sup>2</sup> "s+f-st"; Push-in termination: 0.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 mm<sup>2</sup> "insulated ferrules, 10 mm"  
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
- 500 V = rated voltage  
6 kV = rated impulse voltage  
3 = pollution degree
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.

Approvals and corresponding ratings, visit [www.wago.com](http://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)
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**Push-in type jumper bar ▶ insulated ▶ I<sub>N</sub> 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<sub>N</sub> 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)
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**Protective warning marker ▶ with black high-voltage symbol ▶ for 5 terminal blocks**

yellow	2000-115	100 (25)
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**Test plug adapter ▶ for 4 mm Ø test plug**

gray	2009-174	100 (25)
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**Accessories; 2000 Series**

Appropriate marking systems:  
WMB/WMB Inline/Marking strips

**Testing tap ▶ for max. 2.5 mm<sup>2</sup>**

gray	2009-182	100 (25)
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**Marking strip ▶ plain ▶ 11 mm wide ▶ 50 m reel**

white	2009-110	1
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**WMB Inline ▶ plain ▶ 2,300 WMB markers (3.5 mm)/reel**

white	2009-113	1
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**WMB marking card ▶ white ▶ 10 strips with 10 markers/ card ▶ for 3.5 mm terminal block width**

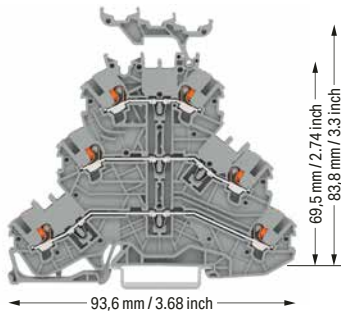
plain	793-3501	5
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**Triple-deck marker carrier ▶ pivoting**

gray	2000-131	50 (25)
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# Triple-Deck Terminal Block TOPJOB® S ▶ with Push-Button 1 (1.5) mm<sup>2</sup> ▶ 2200 Series

Technical Data	
0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 AⓄ
I <sub>N</sub> 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

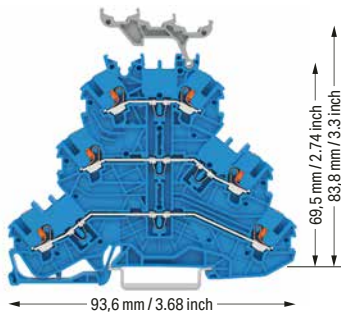


Triple-deck terminal block ▶ with Push-Button ▶ through/through/through terminal block ▶ with marker carrier ▶ gray

	Item No.	Pack. Unit
○ L/L/L Ⓞ	2200-3231 ④	50
○ L/L/N Ⓞ	2200-3233 ④	50

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

○ L/L/L Ⓞ	2200-3201 ④	50
○ L/L/N Ⓞ	2200-3203 ④	50



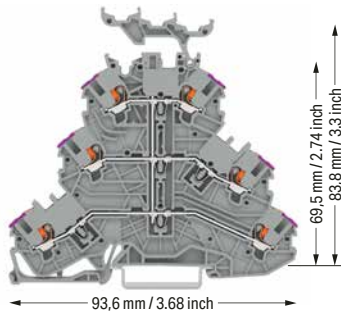
Triple-deck terminal block ▶ with Push-Button ▶ through/through/through terminal block ▶ with marker carrier ▶ blue

	Item No.	Pack. Unit
● N/N/N Ⓞ	2200-3234 ③ ④	50

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

● N/N/N Ⓞ	2200-3204 ③ ④	50
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Technical Data	
0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 AⓄ
I <sub>N</sub> 13,5 A (16 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

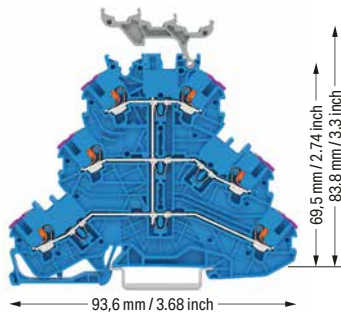


Triple-deck terminal block ▶ with Push-Button ▶ 6-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ gray

○ L Ⓞ	2200-3238 ④	50
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Triple-deck terminal block ▶ with Push-Button ▶ 6-conductor through terminal block ▶ without marker carrier ▶ internally commoned ▶ gray

○ L Ⓞ	2200-3208 ④	50
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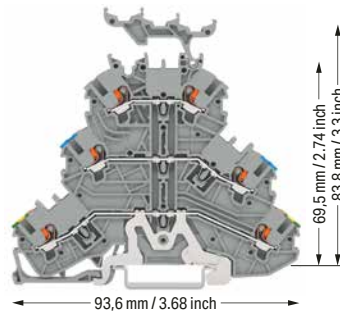
Triple-deck terminal block ▶ with Push-Button ▶ 6-conductor through terminal block ▶ with marker carrier ▶ internally commoned ▶ blue

● N Ⓞ	2200-3239 ④	50
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Triple-deck terminal block ▶ with Push-Button ▶ 6-conductor through terminal block ▶ without marker carrier ▶ internally commoned ▶ blue

● N Ⓞ	2200-3209 ④	50
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Technical Data	
0.14 ... 1 (1.5) mm <sup>2</sup> ①	24 ... 16 AWG
500 V / 6 kV / 3 ②	300 V, 15 AⓄ
I <sub>N</sub> 13,5 A (15 A)	
Terminal block width: 3,5 mm / 0.138 inch	
9 ... 11 mm / 0.35 ... 0.43 inch	

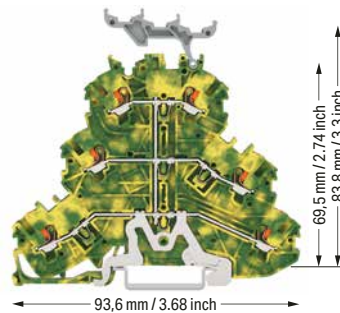


Triple-deck terminal block ▶ with Push-Button ▶ ground conductor/through/through terminal block ▶ with marker carrier ▶ gray

	Item No.	Pack. Unit
○ PE/N/L Ⓞ	2200-3247 ④	50
○ PE/L/L Ⓞ	2200-3257 ④	50

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

○ PE/N/L Ⓞ	2200-3217 ④	50
○ PE/L/L Ⓞ	2200-3227 ④	50



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

● PE Ⓞ	2200-3237 ④	50
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Triple-deck terminal block ▶ with Push-Button ▶ 6-conductor ground terminal block ▶ without marker carrier ▶ internally commoned ▶ green-yellow

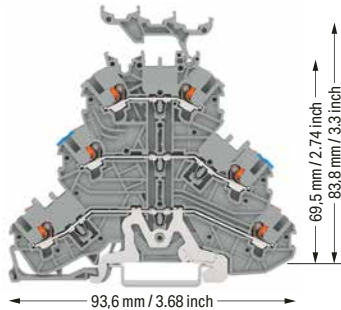
● PE Ⓞ	2200-3207 ④	50
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## Technical Data

0.14 ... 1 (1.5) mm<sup>2</sup> ❶ | 24 ... 16 AWG500 V / 6 kV / 3 ❷ | 300 V, 15 A<sup>Ⓢ</sup>I<sub>N</sub> 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 ⑤	2200-3248	50
○ Shield/L/L ⑤	2200-3258	50

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

○ Shield/N/L ⑤	2200-3218	50
○ Shield/L/L ⑤	2200-3228	50

❶ Conductor range: 0.14 ... 1.5 mm<sup>2</sup> "s+f-st";  
Push-in termination: 0.5 mm<sup>2</sup> "s" and 0.5 ... 0.75 mm<sup>2</sup> "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](http://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)
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Push-in type jumper bar ▶ insulated ▶ I<sub>N</sub> 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<sub>N</sub> 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)
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## Protective warning marker ▶ with black high-voltage symbol ▶ for 5 terminal blocks

yellow	2000-115	100 (25)
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## Test plug adapter ▶ for 4 mm Ø test plug

gray	2009-174	100 (25)
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## Accessories; 2000 Series

Appropriate marking systems:  
WMB/WMB Inline/Marking strips

Testing tap ▶ for max. 2.5 mm<sup>2</sup>

gray	2009-182	100 (25)
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## Marking strip ▶ plain ▶ 11 mm wide ▶ 50 m reel

white	2009-110	1
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## WMB Inline ▶ plain ▶ 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1
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## WMB marking card ▶ white ▶ 10 strips with 10 markers/ card ▶ for 3.5 mm terminal block width

plain	793-3501	5
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## Triple-deck marker carrier ▶ pivoting

gray	2000-131	50 (25)
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## Junction Boxes ▶ for 294 Series Lightning Connector (2,5 mm<sup>2</sup>) 899 Series

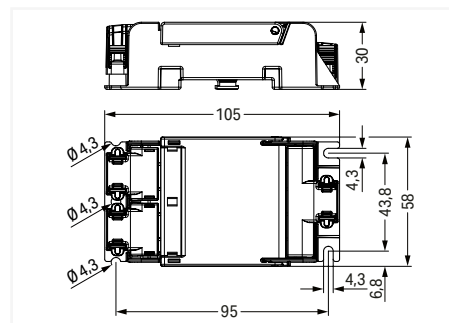
### Technical Data

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



899-8035/000-101

### Junction Boxes ▶ for 294 Series Lightning Connector (2,5 mm<sup>2</sup>) ▶ 3-pole

Color	Item No.	Pack. Unit
○ white	899-8013/000-101	10


### Junction Boxes ▶ for 294 Series Lightning Connector (2,5 mm<sup>2</sup>) ▶ 5-pole

Color	Item No.	Pack. Unit
○ white	899-8035/000-101	10




### Contains article:

#### Lighting connector ▶ 3-pole

	white	294-8013
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### Contains article:

#### Lighting connector ▶ 5-pole

	orange	294-8035
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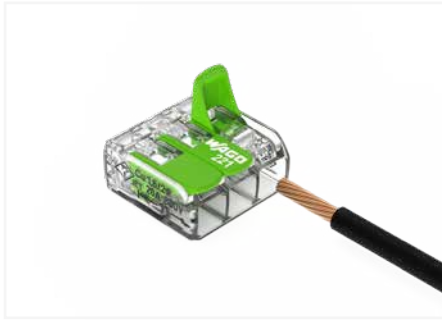
## Splicing connectors with levers ▶ Green Range

### 221 Series

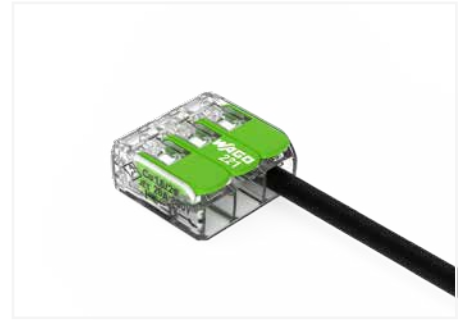
#### Description and Installation



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

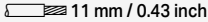
fine-stranded,  
tip-bonded




## Splicing connectors with levers ▶ Green Range

### 4 mm<sup>2</sup> ▶ 221 Series

#### Technical Data

0.2 ... 4 mm <sup>2</sup> "s+str"	24 ... 12 AWG
0.14 ... 4 mm <sup>2</sup> "f-st"	600 V, 20 A <sup>Ⓢ</sup>
450 V / 4 kV / 2 ①	600 V, 20 A <sup>Ⓢ</sup>
I <sub>N</sub> 32 A	
 11 mm / 0.43 inch	

#### Technical Data

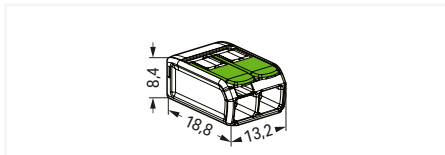
0.2 ... 4 mm <sup>2</sup> "s+str"	24 ... 12 AWG
0.14 ... 4 mm <sup>2</sup> "f-st"	600 V, 20 A <sup>Ⓢ</sup>
450 V / 4 kV / 2 ①	600 V, 20 A <sup>Ⓢ</sup>
I <sub>N</sub> 32 A	
 11 mm / 0.43 inch	

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

Approvals and corresponding ratings, visit [www.wago.com](http://www.wago.com)



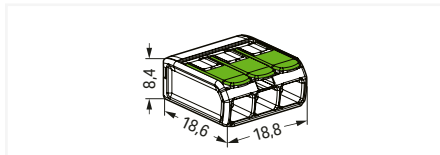
Dimensions in mm



Splicing connector with levers Green Range ▶ for all conductor types ▶ max. 4 mm<sup>2</sup> ▶ 2-conductor ▶ transparent housing ▶ Surrounding air temperature: max 85°C (T85) ▶ 4,00 mm<sup>2</sup> ▶ transparent

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

Dimensions in mm



Splicing connector with levers Green Range ▶ for all conductor types ▶ max. 4 mm<sup>2</sup> ▶ 3-conductor ▶ transparent housing ▶ Surrounding air temperature: max 85°C (T85) ▶ 4,00 mm<sup>2</sup> ▶ transparent

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

#### 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 mm<sup>2</sup>, as well as solid or stranded conductors from 0.2 ... 4 mm<sup>2</sup> (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.

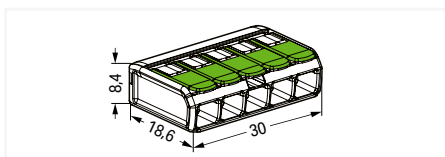
Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

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.



Dimensions in mm



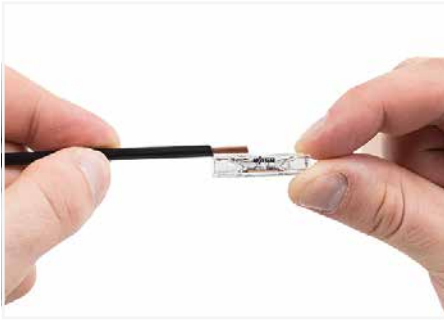
Splicing connector with levers Green Range ▶ for all conductor types ▶ max. 4 mm<sup>2</sup> ▶ 5-conductor ▶ transparent housing ▶ Surrounding air temperature: max 85°C (T85) ▶ 4,00 mm<sup>2</sup> ▶ transparent

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

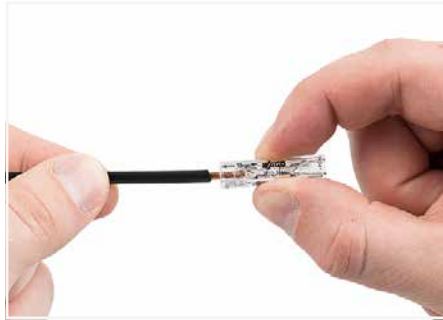
# Inline Splicing Connectors

## 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.



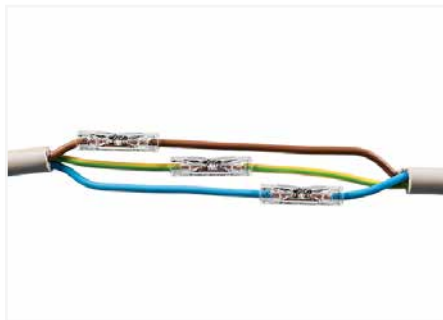
Strip the damaged cable approx. 10 cm uniformly around the damaged area.



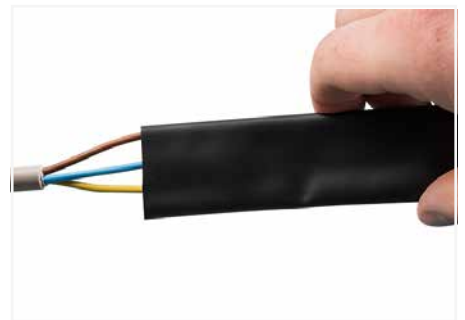
Cut out the damaged areas in the copper and disconnect all other conductors. For damaged areas between 1 mm and 30 mm, at least 30 mm of the damaged conductor must be removed. Tip: A connector (approx. 30 mm long) can be used as a length guide.



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.



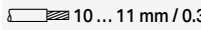
Heat the shrink tube evenly with a hot air blower between 110°C and 200°C.



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

# Inline Splicing Connector 2773 Series

### Technical Data

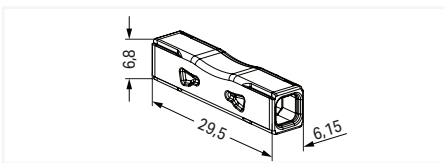
0,75 ... 4 mm <sup>2</sup> "s"	18 ... 12 AWG "s"
1,5 ... 4 mm <sup>2</sup> "st"	
450 V / 4 kV / 2 ①	600 V, 20 A <sub>Ⓢ</sub>
I <sub>N</sub> 32 A	
 10 ... 11 mm / 0.39 ... 0.43 inch	

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

Approvals and corresponding ratings,  
visit [www.wago.com](http://www.wago.com)



### Dimensions in mm



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



Milled cable.



Drilled cable.



Connect the cable using the cable repair kit.



Connect the cable using the cable repair kit.

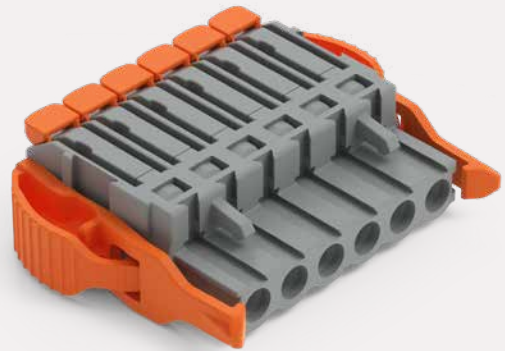


Heat the shrink tube and properly reclose the damaged area.














Close the damaged area discreetly.





## WAGO PCB Terminal Blocks and Connectors

## WAGO PCB Terminal Blocks and Connectors

		Nominal Cross-Section	Series	Page
	THR PCB Terminal Blocks ▶ Actuation type: Push-button ▶ Push-in CAGE CLAMP®	1.5 mm <sup>2</sup>	2086	22
	Suitable for automated assembly	1.5 mm <sup>2</sup>	2086	38
	SMD PCB Terminal Blocks ▶ Actuation type: Push-button ▶ Push-in CAGE CLAMP®	1.5 mm <sup>2</sup>	2086	50
	1-Conductor Female Connectors ▶ MCS MINI ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	1.5 mm <sup>2</sup>	2734	54
	With strain relief plates	1.5 mm <sup>2</sup>	2734	56
	Direct marking	1.5 mm <sup>2</sup>	2734	57
	1-Conductor Female Connectors ▶ 2-row ▶ MCS MINI ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	1.5 mm <sup>2</sup>	2734	58
	THT Double-Deck Male Headers ▶ 2-row ▶ MCS MINI ▶		2734	60
	Accessories ▶ MCS MINI			
	Locking Devices		2734	62
	Strain Relief Plates		2734	63
	1-Conductor Female Connectors ▶ MCS MIDI ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	2.5 mm <sup>2</sup>	2721	64
	1-Conductor Female Connectors ▶ MCS MIDI Classic ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP®	2.5 mm <sup>2</sup>	2231	66
	1-Conductor Female and Male Connectors ▶ MCS MAXI 16 ▶ Actuation type: Lever ▶ 1-pole ▶ Push-in CAGE CLAMP®	16 mm <sup>2</sup>	832	68
	THT Solder Pin Strips ▶ <i>picoMAX</i> ® 3.5 / 5.0 / 7.5			70
	THR Solder Pin Strips ▶ <i>picoMAX</i> ® 3.5 / 5.0 / 7.5			76
	Product Finder: Pluggable PCB Connectors			82

**THR PCB terminal block ▶ 2086 Series**

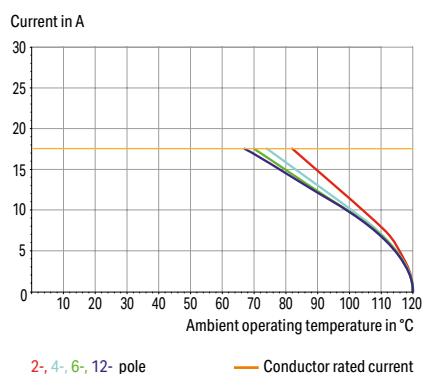
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Solder pin arrangement: over the entire terminal strip (in-line) ▶ Color: black



- 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 mm<sup>2</sup>
- 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 mm<sup>2</sup> \*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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

**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 <sub>cu</sub> )
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 <sup>(±0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +105 °C
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### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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

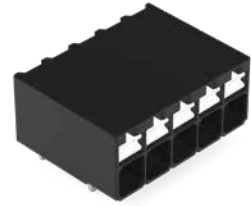
Solder pin length: 2.4 mm ▶ Conductor connection direction to PCB: 0°



2086-1205/300-000



2086-1105/300-000

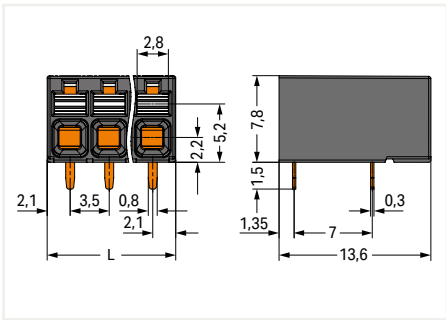


2086-1205

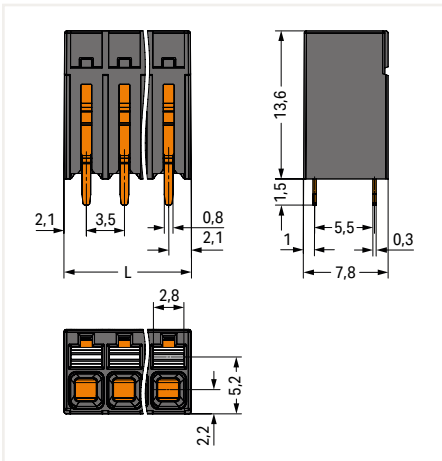
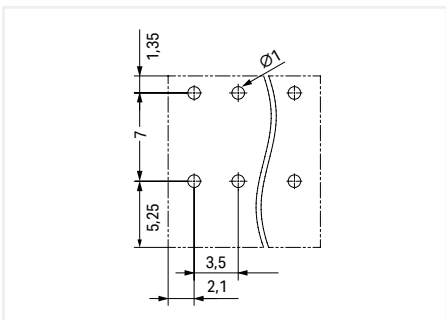
Pole No.	Item No.	PU
2	2086-1202/300-000	432
3	2086-1203/300-000	300
4	2086-1204/300-000	228
5	2086-1205/300-000	180
6	2086-1206/300-000	144
7	2086-1207/300-000	132
8	2086-1208/300-000	108
9	2086-1209/300-000	96
10	2086-1210/300-000	84
11	2086-1211/300-000	84
12	2086-1212/300-000	72

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

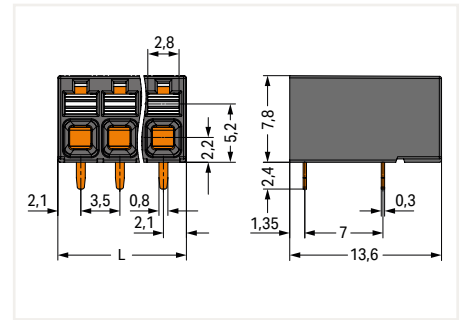
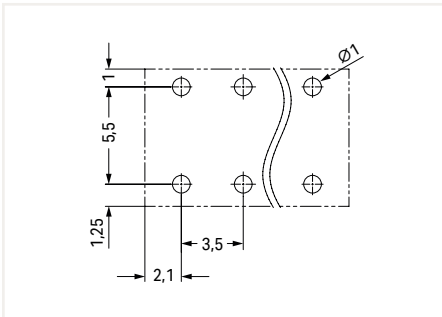
Pole No.	Item No.	PU
2	2086-1202	432
3	2086-1203	300
4	2086-1204	228
5	2086-1205	180
6	2086-1206	144
7	2086-1207	132
8	2086-1208	108
9	2086-1209	96
10	2086-1210	84
11	2086-1211	84
12	2086-1212	72



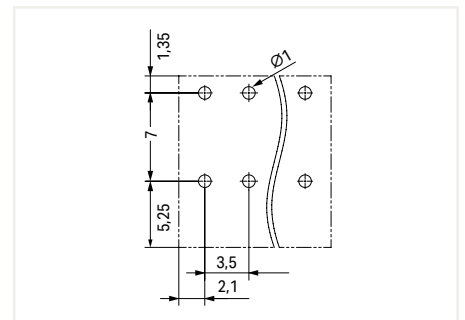
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



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



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

**THR PCB terminal block ▶ 2086 Series**

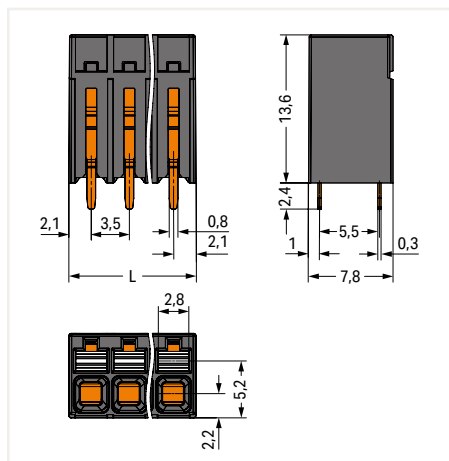
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Solder pin arrangement: over the entire terminal strip (in-line) ▶ Color: black

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

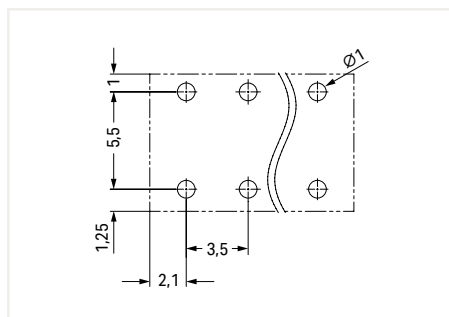


2086-1105

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



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



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

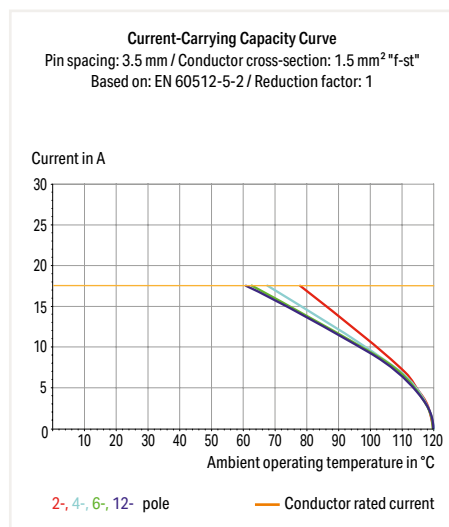


## THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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



### 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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
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 <sup>(±0.1)</sup> mm

### Environmental Requirements

Limit temperature range	-60 ... +105 °C
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### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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

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



2086-1225/300-000



2086-1125/300-000

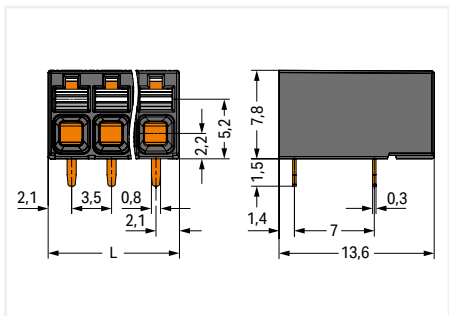


2086-1225

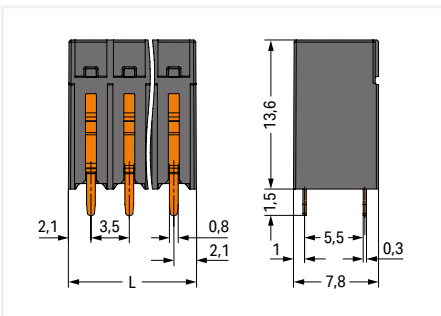
Pole No.	Item No.	PU
2	2086-1222/300-000	432
3	2086-1223/300-000	300
4	2086-1224/300-000	228
5	2086-1225/300-000	180
6	2086-1226/300-000	144
7	2086-1227/300-000	132
8	2086-1228/300-000	108
9	2086-1229/300-000	96
10	2086-1230/300-000	84
11	2086-1231/300-000	84
12	2086-1232/300-000	72

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
9	2086-1129/300-000	96
10	2086-1130/300-000	84
11	2086-1131/300-000	84
12	2086-1132/300-000	72

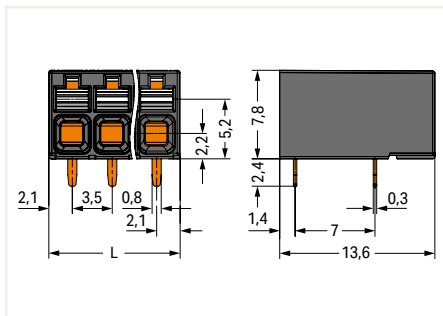
Pole No.	Item No.	PU
2	2086-1222	432
3	2086-1223	300
4	2086-1224	228
5	2086-1225	180
6	2086-1226	144
7	2086-1227	132
8	2086-1228	108
9	2086-1229	96
10	2086-1230	84
11	2086-1231	84
12	2086-1232	72



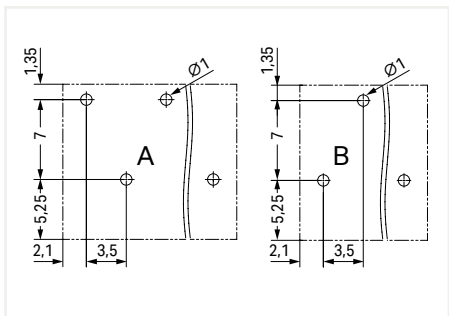
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



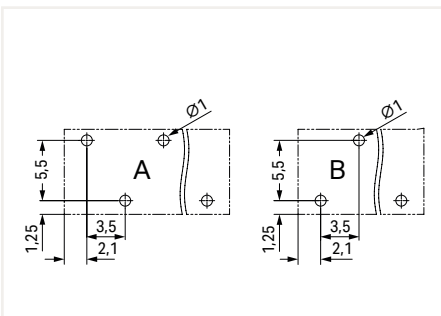
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



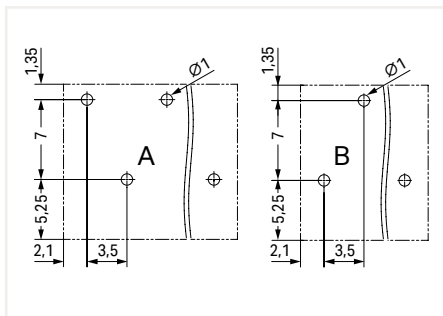
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



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



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**

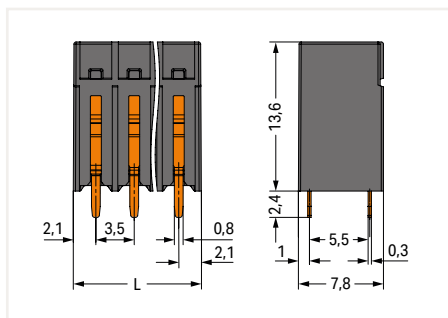
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Solder pin arrangement: over the entire terminal strip (staggered) ▶ Color: black

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

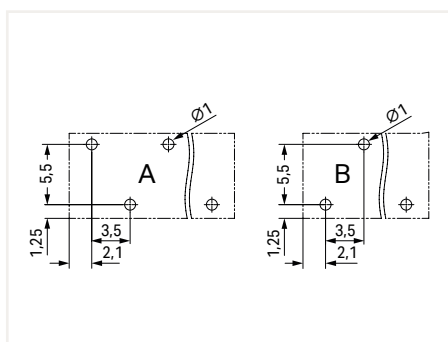


2086-1125

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



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



A = even number of poles

B = odd number of poles

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

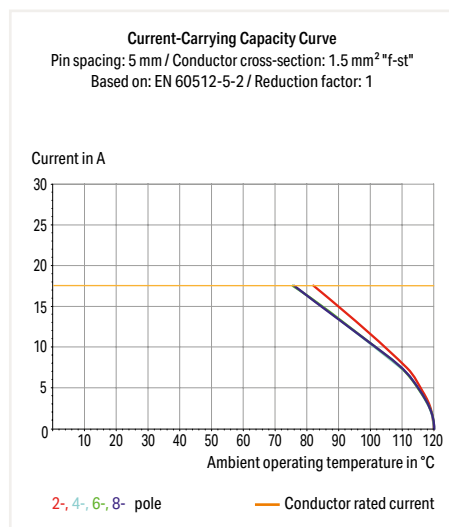


**THR PCB terminal block ▶ 2086 Series**

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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



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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

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 <sub>cu</sub> )
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 <sup>(+0.1)</sup> mm

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



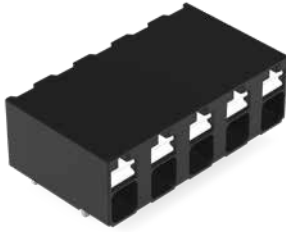
### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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

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



2086-3205/300-000



2086-3105/300-000

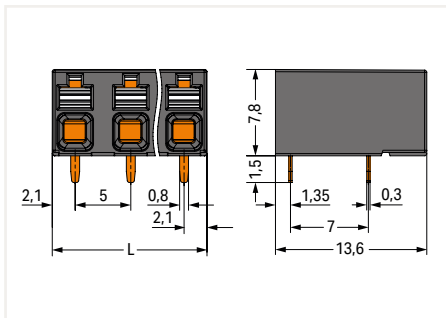


2086-3205

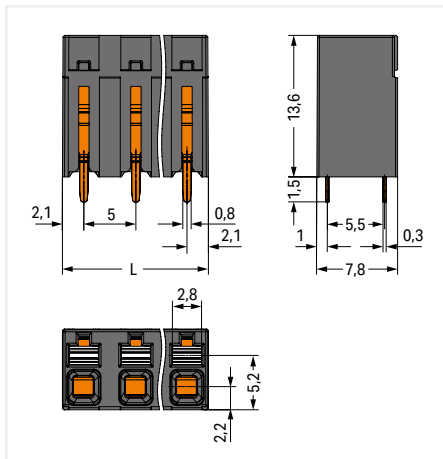
Pole No.	Item No.	PU
2	2086-3202/300-000	360
3	2086-3203/300-000	228
4	2086-3204/300-000	168
5	2086-3205/300-000	132
6	2086-3206/300-000	108
7	2086-3207/300-000	96
8	2086-3208/300-000	84

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

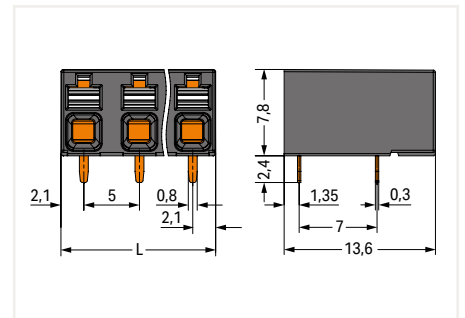
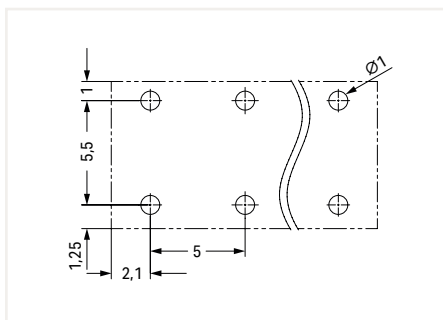
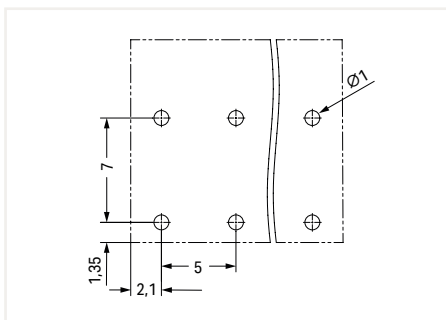
Pole No.	Item No.	PU
2	2086-3202	360
3	2086-3203	228
4	2086-3204	168
5	2086-3205	132
6	2086-3206	108
7	2086-3207	96
8	2086-3208	84



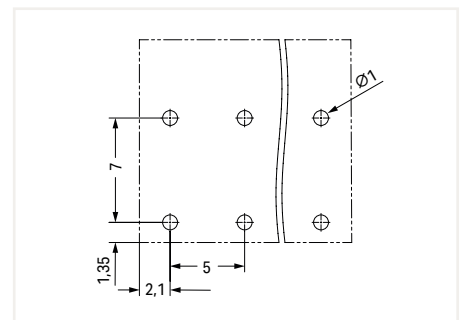
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



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



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

**THR PCB terminal block ▶ 2086 Series**

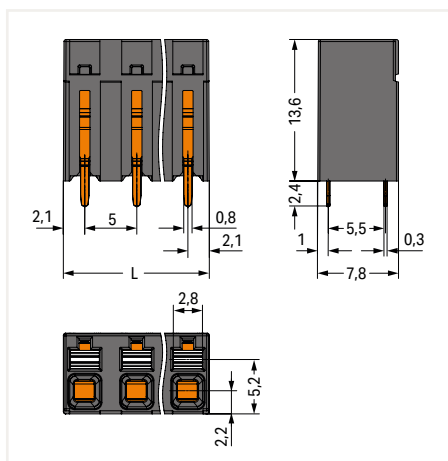
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 5 mm / 0.197 inches ▶ Solder pin arrangement: over the entire terminal strip (in-line) ▶ Color: black

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

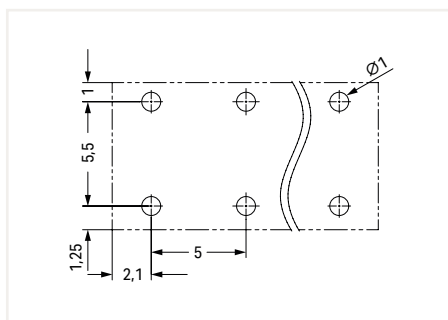


2086-3105

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



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



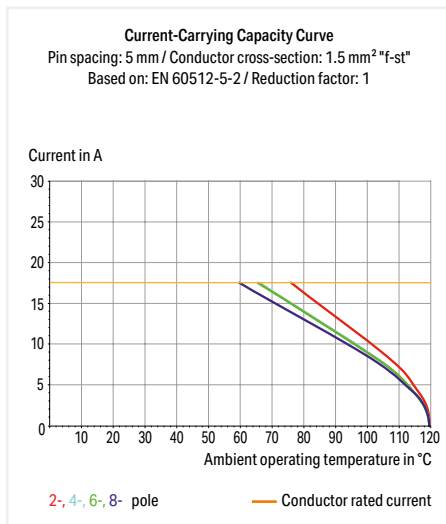


## THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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



### 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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
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 <sup>(+0.1)</sup> mm

### Environmental Requirements

Limit temperature range	-60 ... +105 °C
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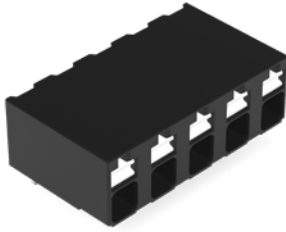
### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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

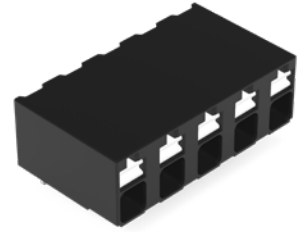
Solder pin length: 2.4 mm ▶ Conductor connection direction to PCB: 0°



2086-3225/300-000



2086-3125/300-000

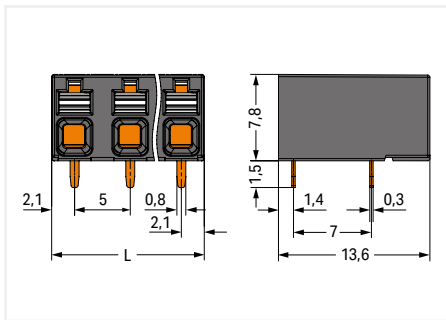


2086-3225

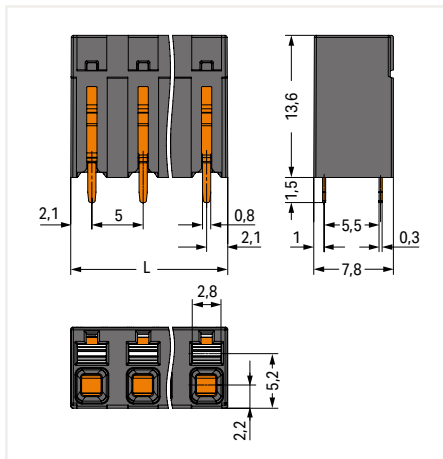
Pole No.	Item No.	PU
2	2086-3222/300-000	360
3	2086-3223/300-000	228
4	2086-3224/300-000	168
5	2086-3225/300-000	132
6	2086-3226/300-000	108
7	2086-3227/300-000	96
8	2086-3228/300-000	84

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

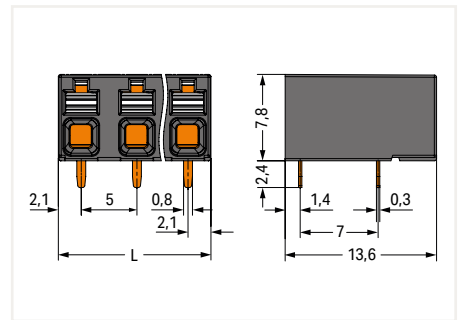
Pole No.	Item No.	PU
2	2086-3222	360
3	2086-3223	228
4	2086-3224	168
5	2086-3225	132
6	2086-3226	108
7	2086-3227	96
8	2086-3228	84



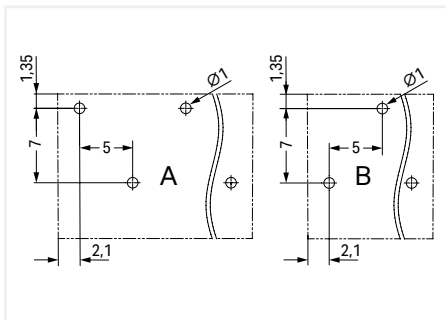
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



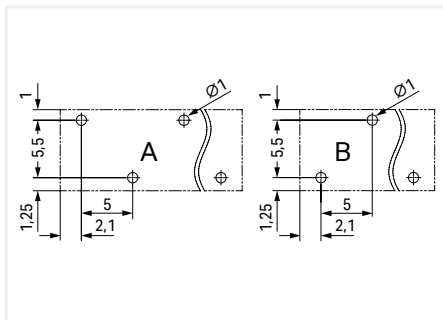
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



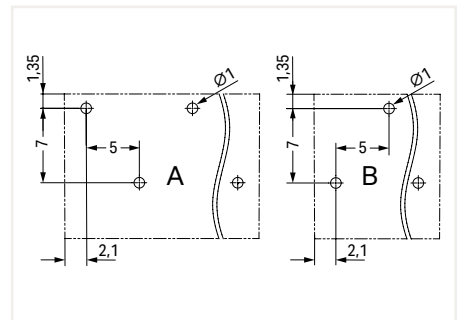
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



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



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**

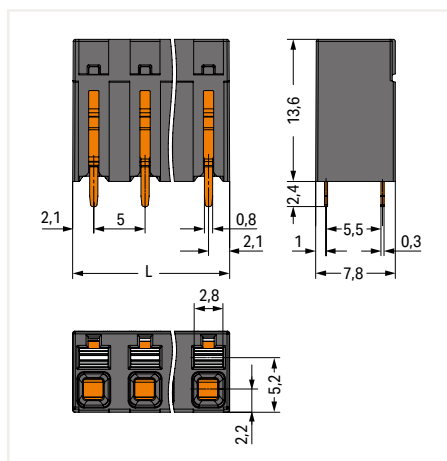
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 5 mm / 0.197 inches ▶ Solder pin arrangement: over the entire terminal strip (staggered) ▶ Color: black

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

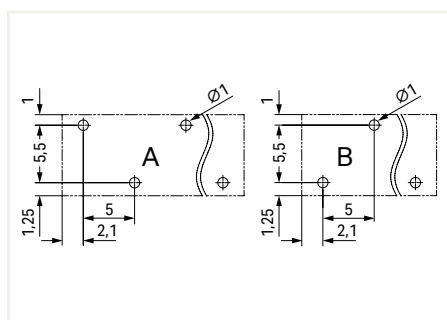


2086-3125

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



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



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

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

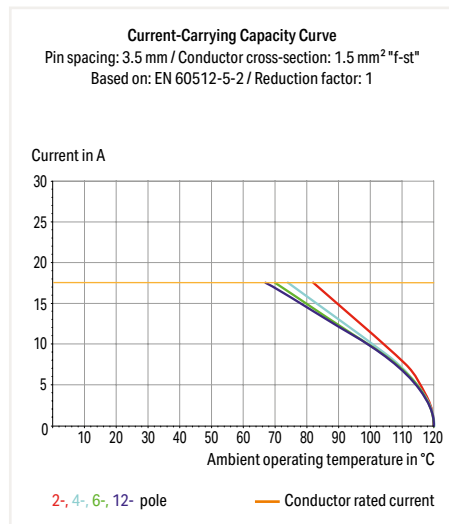


**THR PCB terminal block ▶ 2086 Series**

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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

**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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

**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 <sub>cu</sub> )
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 <sup>(±0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +105 °C
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### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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

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



2086-1205/300-000/997-605



2086-1105/300-000/997-605

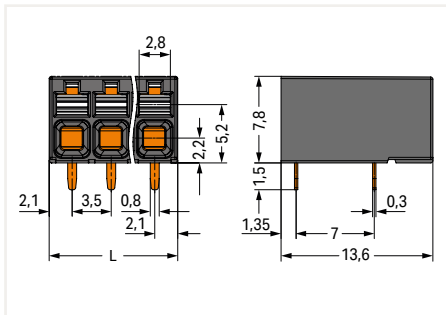


2086-1205/997-605

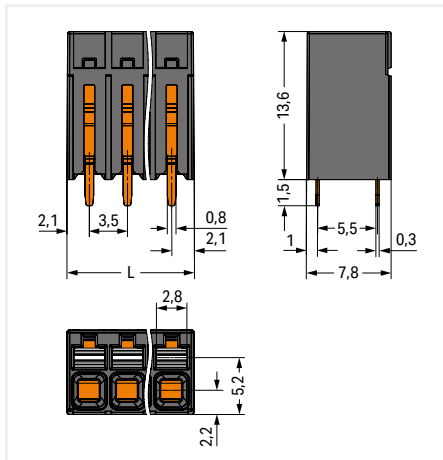
Pole No.	Item No.	PU
2	2086-1202/300-000/997-604	
3	2086-1203/300-000/997-605	
4	2086-1204/300-000/997-605	
5	2086-1205/300-000/997-605	
6	2086-1206/300-000/997-607	
7	2086-1207/300-000/997-607	
8	2086-1208/300-000/997-607	
9	2086-1209/300-000/997-607	
10	2086-1210/300-000/997-607	
11	2086-1211/300-000/997-607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

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	

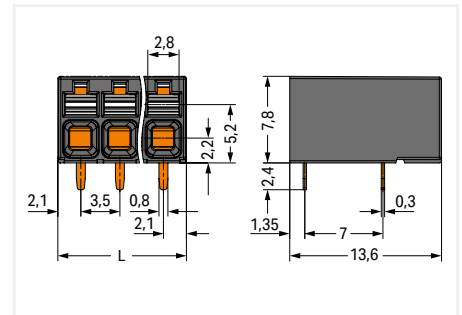
Pole No.	Item No.	PU
2	2086-1202/997-604	
3	2086-1203/997-605	
4	2086-1204/997-605	
5	2086-1205/997-605	
6	2086-1206/997-607	
7	2086-1207/997-607	
8	2086-1208/997-607	
9	2086-1209/997-607	
10	2086-1210/997-607	
11	2086-1211/997-607	
12	2086-1212/997-607	



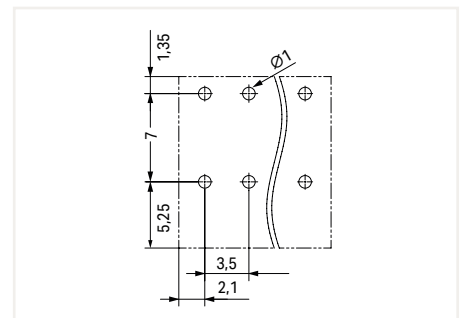
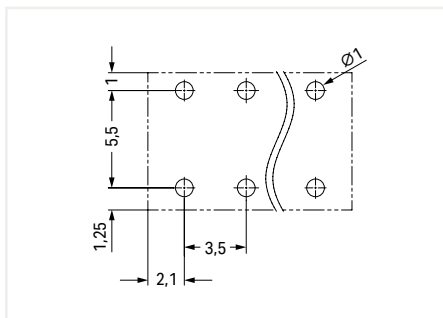
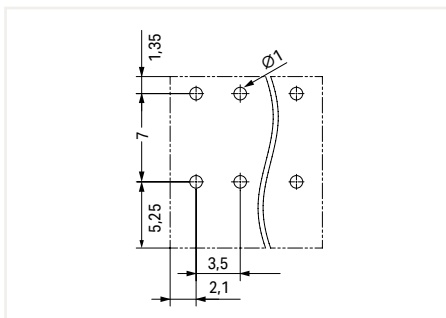
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



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



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

**THR PCB terminal block ▶ 2086 Series**

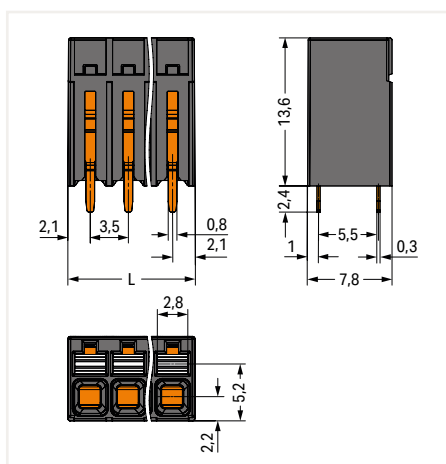
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Solder pin arrangement: over the entire terminal strip (in-line) ▶ Suitable for automated assembly ▶ Color: black

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

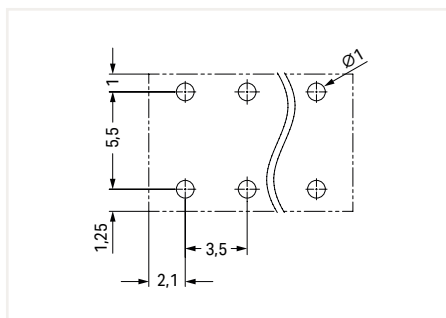


2086-1105/997-605

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	



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



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

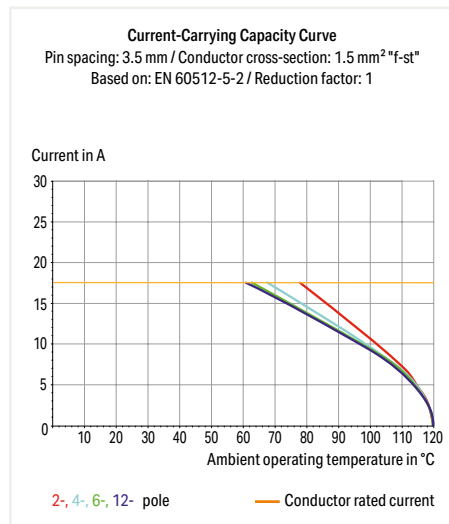


## THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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



### 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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
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 <sup>(+0.1)</sup> mm

### Environmental Requirements

Limit temperature range	-60 ... +105 °C
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### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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

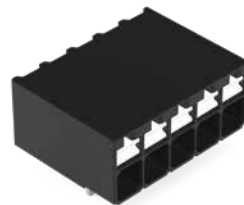
Solder pin length: 2.4 mm ▶ Conductor connection direction to PCB: 0°



2086-1225/300-000/997-605



2086-1125/300-000/997-605

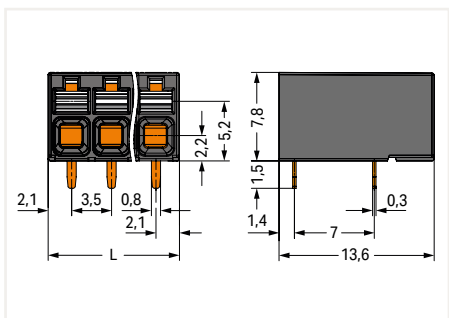


2086-1225/997-605

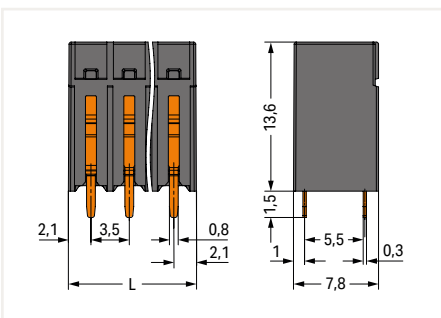
Pole No.	Item No.	PU
2	2086-1222/300-000/997-604	
3	2086-1223/300-000/997-605	
4	2086-1224/300-000/997-605	
5	2086-1225/300-000/997-605	
6	2086-1226/300-000/997-607	
7	2086-1227/300-000/997-607	
8	2086-1228/300-000/997-607	
9	2086-1229/300-000/997-607	
10	2086-1230/300-000/997-607	
11	2086-1231/300-000/997-607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

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	

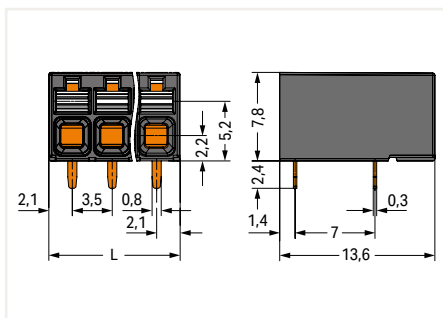
Pole No.	Item No.	PU
2	2086-1222/997-604	
3	2086-1223/997-605	
4	2086-1224/997-605	
5	2086-1225/997-605	
6	2086-1226/997-607	
7	2086-1227/997-607	
8	2086-1228/997-607	
9	2086-1229/997-607	
10	2086-1230/997-607	
11	2086-1231/997-607	
12	2086-1232/997-607	



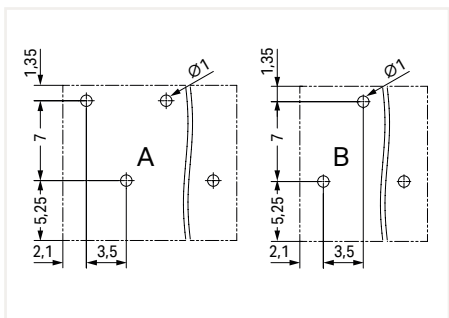
L = (pole no. - 1) x pin spacing + 4.2 mm



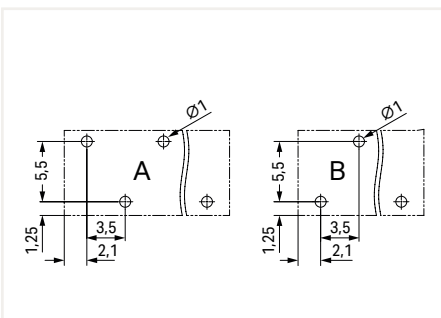
L = (pole no. - 1) x pin spacing + 4.2 mm



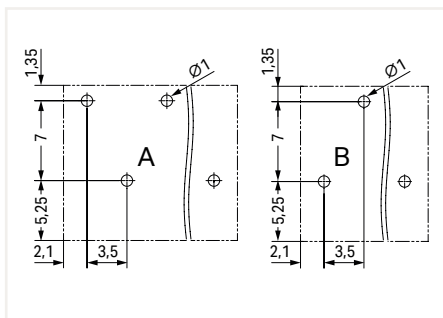
L = (pole no. - 1) x pin spacing + 4.2 mm



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



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



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**

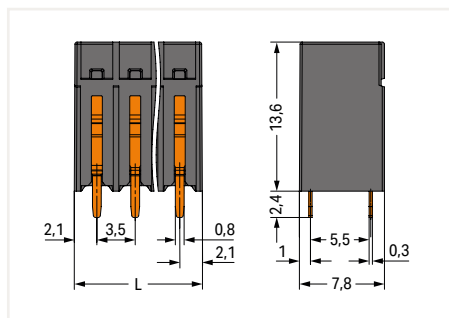
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Solder pin arrangement: over the entire terminal strip (staggered) ▶ Suitable for automated assembly ▶ Color: black

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

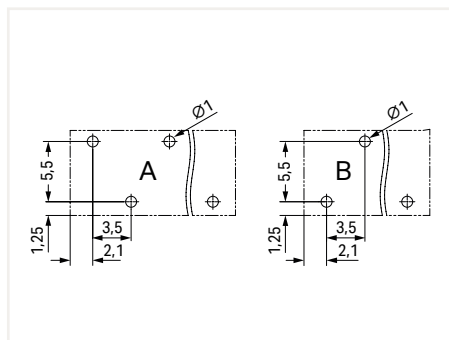


2086-1125/997-605

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	



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



A = even number of poles

B = odd number of poles

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

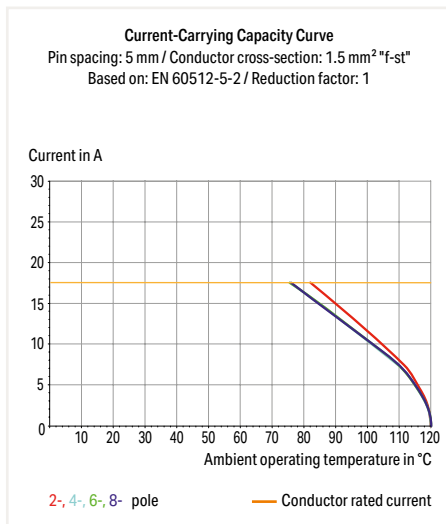


## THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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



### 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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
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 <sup>(+0.1)</sup> mm

### Environmental Requirements

Limit temperature range	-60 ... +105 °C
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### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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



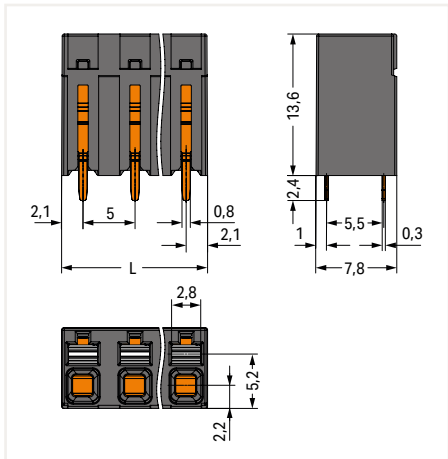
2086-3105/997-607



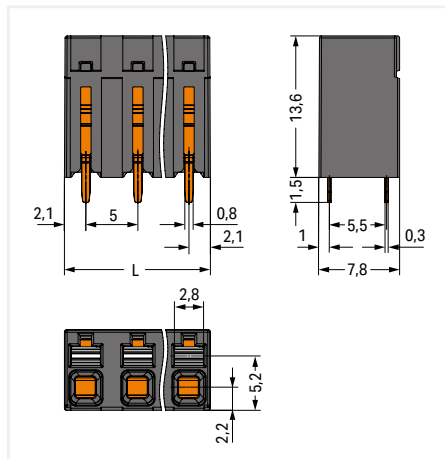
2086-3105/300-000/997-607

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	

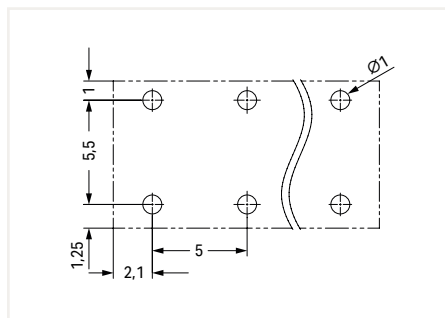
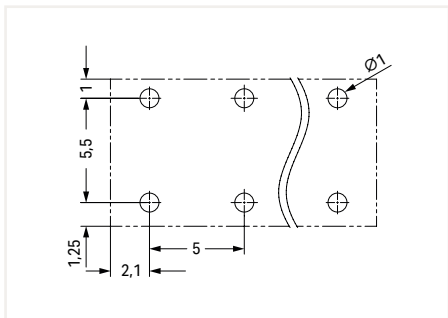
Pole No.	Item No.	PU
2	2086-3102/300-000/997-604	
3	2086-3103/300-000/997-605	
4	2086-3104/300-000/997-605	
5	2086-3105/300-000/997-607	
6	2086-3106/300-000/997-607	
7	2086-3107/300-000/997-607	
8	2086-3108/300-000/997-607	



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



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



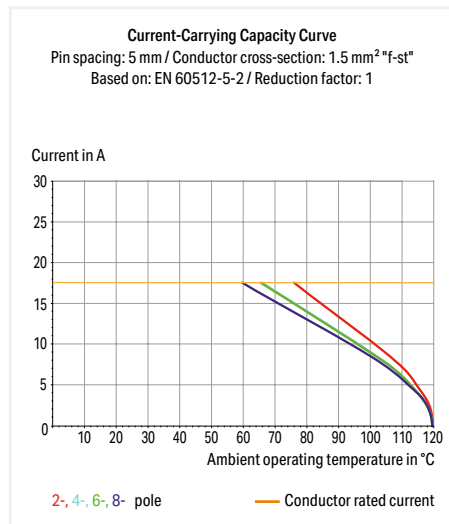
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

## THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- 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



### 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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
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 <sup>(+0.1)</sup> mm

### Environmental Requirements

Limit temperature range	-60 ... +105 °C
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### THR PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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°

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



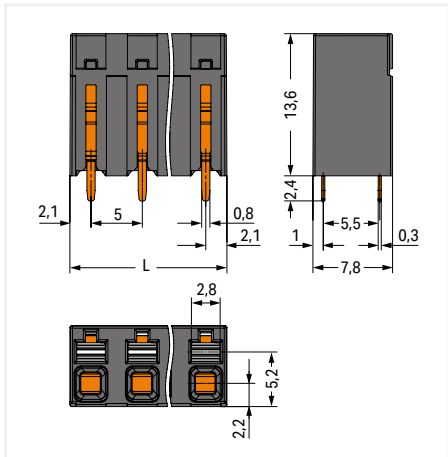
2086-3125/997-607



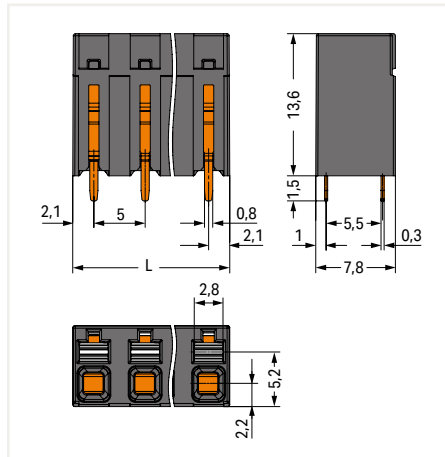
2086-3125/300-000/997-607

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	

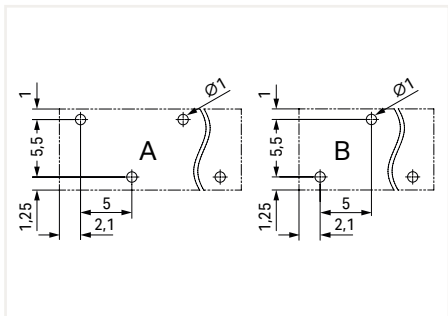
Pole No.	Item No.	PU
2	2086-3122/300-000/997-604	
3	2086-3123/300-000/997-605	
4	2086-3124/300-000/997-605	
5	2086-3125/300-000/997-607	
6	2086-3126/300-000/997-607	
7	2086-3127/300-000/997-607	
8	2086-3128/300-000/997-607	



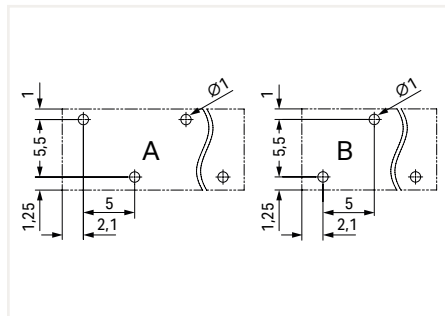
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



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



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

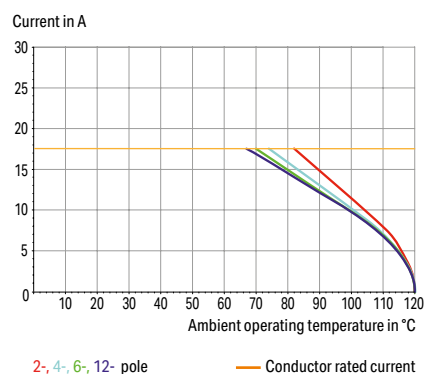
Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Suitable for automated assembly ▶ Color: white



- 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 mm<sup>2</sup>
- 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: 3.5 mm / Conductor cross-section: 1.5 mm<sup>2</sup> \*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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
Contact plating	Tin-plated

### Environmental Requirements

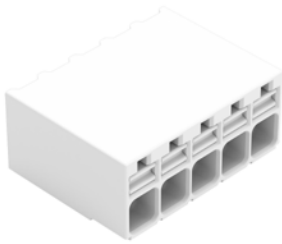
Limit temperature range	-60 ... +105 °C
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### SMD PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 3.5 mm / 0.138 inches ▶ Suitable for automated assembly ▶ Color: white

Conductor connection direction to PCB: 0°

Conductor connection direction to PCB: 90°



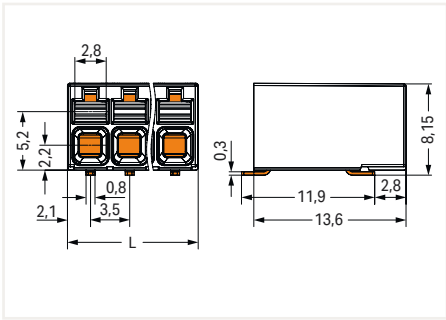
2086-1205/700-650/997-605



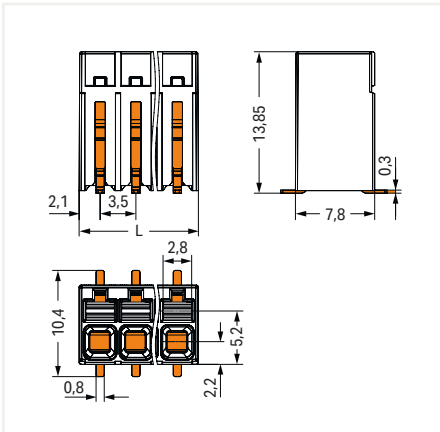
2086-1105/700-650/997-605

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

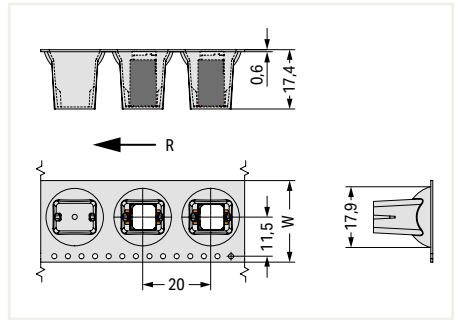
Pole No.	Tape Width	Item No.	PU
2	24 mm	2086-1102/700-650/997-604	270
3	32 mm	2086-1103/700-650/997-605	270
4	32 mm	2086-1104/700-650/997-605	270
5	32 mm	2086-1105/700-650/997-605	270
6	56 mm	2086-1106/700-650/997-607	270
7	56 mm	2086-1107/700-650/997-607	270
8	56 mm	2086-1108/700-650/997-607	270
9	56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



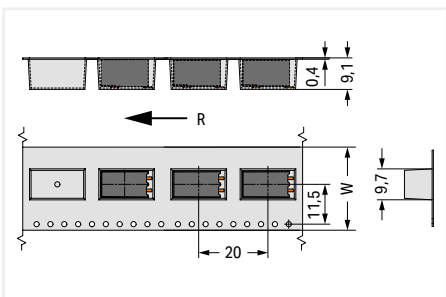
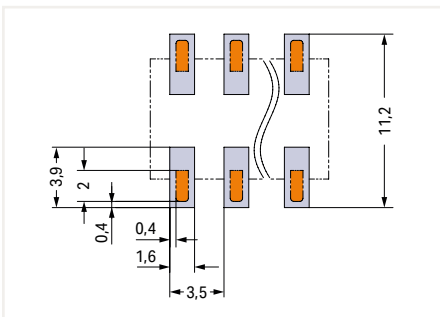
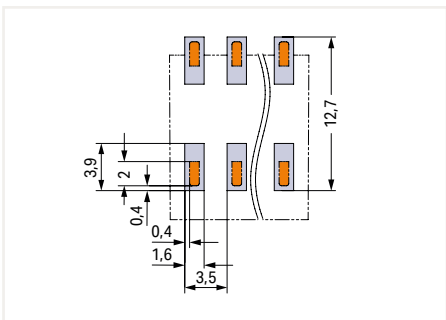
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



W = Tape width  
R = Feed direction



W = Tape width  
R = Feed direction

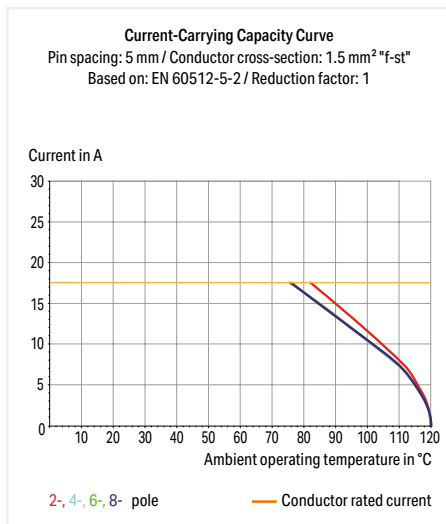
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

## SMD PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ 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 mm<sup>2</sup>
- Push-button moves in direction of conductor connection
- Conductor connection and mating direction both parallel and perpendicular to the PCB



### 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 mm <sup>2</sup> / 28 ... 16 AWG (10 A per UL/CSA)
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG (14 A per UL/CSA)
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>

### 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 <sub>cu</sub> )
Contact plating	Tin-plated

### Environmental Requirements

Limit temperature range	-60 ... +105 °C
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### SMD PCB terminal block ▶ 2086 Series

Push-in CAGE CLAMP® ▶ Actuation type: Push-button ▶ 1.5 mm<sup>2</sup> ▶ Pin spacing: 5 mm / 0.197 inches ▶ Suitable for automated assembly ▶ Color: white

Conductor connection direction to PCB: 0°

Conductor connection direction to PCB: 90°



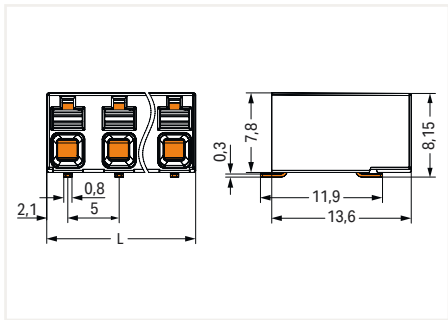
2086-3205/700-650/997-607



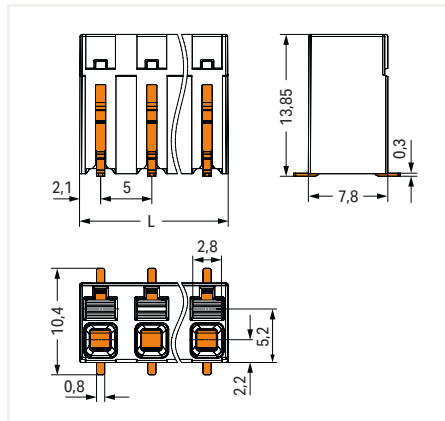
2086-3105/700-650/997-607

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

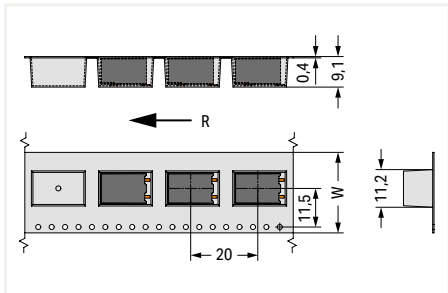
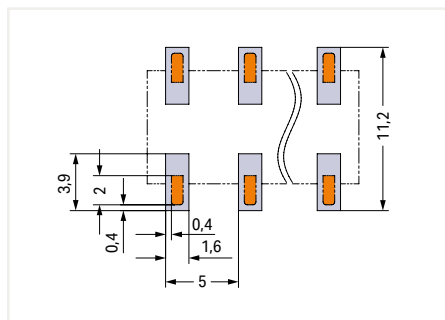
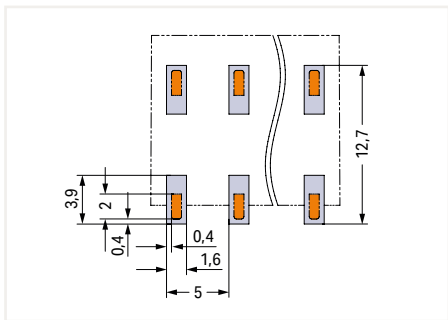
Pole No.	Tape Width	Item No.	PU
2	24 mm	2086-3102/700-650/997-604	270
3	32 mm	2086-3103/700-650/997-605	270
4	32 mm	2086-3104/700-650/997-605	270
5	56 mm	2086-3105/700-650/997-607	270
6	56 mm	2086-3106/700-650/997-607	270
7	56 mm	2086-3107/700-650/997-607	270
8	56 mm	2086-3108/700-650/997-607	270



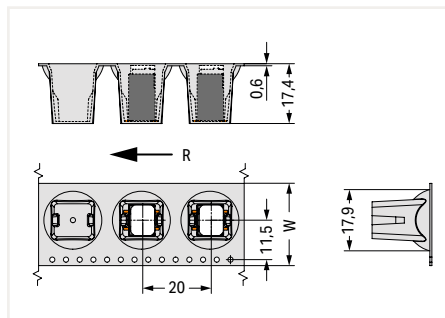
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$



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



W = Tape width  
R = Feed direction



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 mismatching
- 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 mm <sup>2</sup> / 26 ... 14 AWG
Solid conductor; push-in termination	0.34 ... 1.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm <sup>2</sup>

**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
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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](http://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

Locking of plug-in connection: Center locking lever

Locking of plug-in connection: Lateral locking lever



2734-1106/327-000



2734-1106/328-000

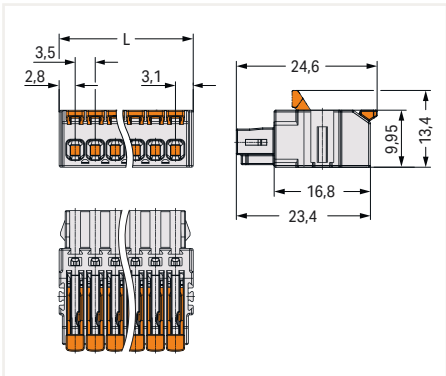


2734-1106/038-000

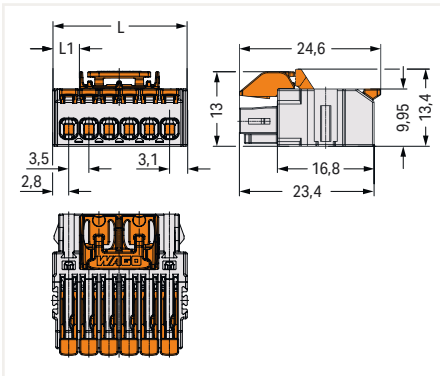
Pole No.	Item No.	PU
2	2734-1102/327-000	200
3	2734-1103/327-000	200
4	2734-1104/327-000	100
5	2734-1105/327-000	100
6	2734-1106/327-000	100
7	2734-1107/327-000	100
8	2734-1108/327-000	50
10	2734-1110/327-000	50
12	2734-1112/327-000	50
16	2734-1116/327-000	25

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

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
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12	2734-1112/038-000	25
16	2734-1116/038-000	25

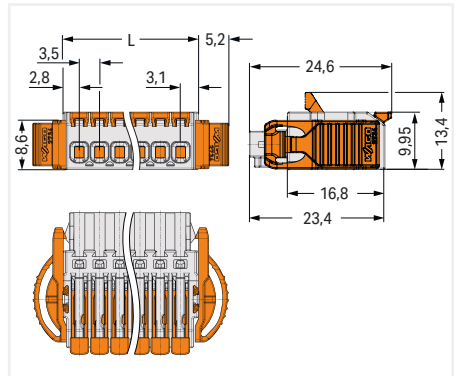


L = (pol no. x pin spacing) + 2.4 mm



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



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® ▶

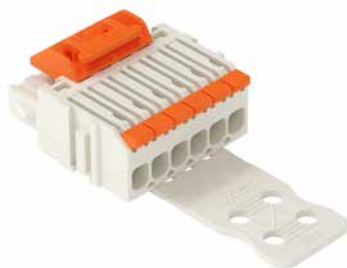
With strain relief plate ▶ Color: light gray

Locking of plug-in connection: Center locking lever

Locking of plug-in connection: Lateral locking lever



2734-1106/327-000/334-000



2734-1106/328-000/334-000

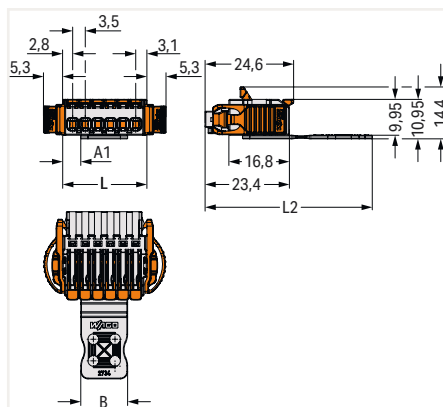
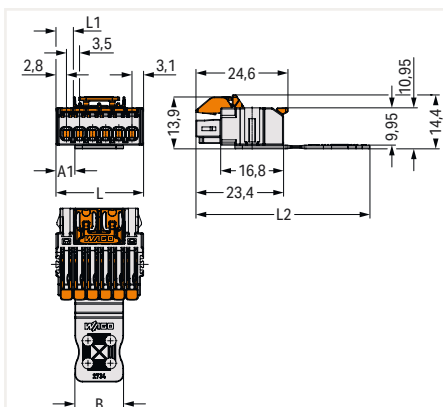
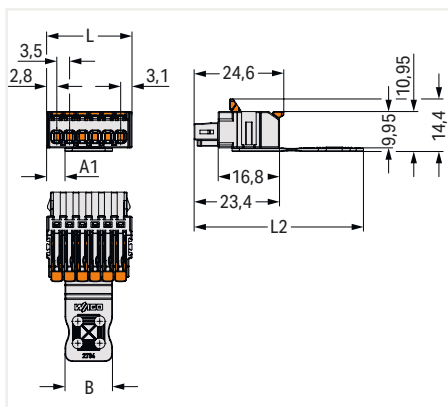


2734-1106/038-000/334-000

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/>

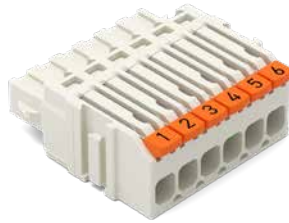
**1-conductor female connector ▶ MCS MINI ▶ 2734 Series**  
 Pin spacing: 3.5 mm / 0.138 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶  
 Direct marking ▶ Color: light gray

Direct marking from conductor entry direction

Direct marking 90° to the conductor entry direction



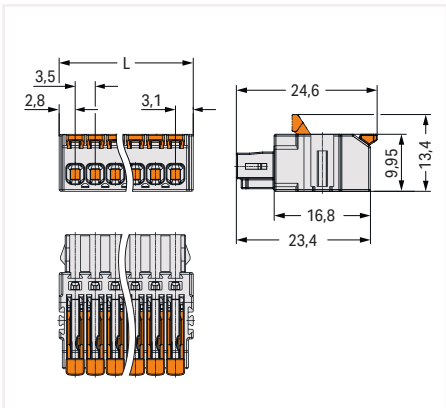
2734-1106/327-9037



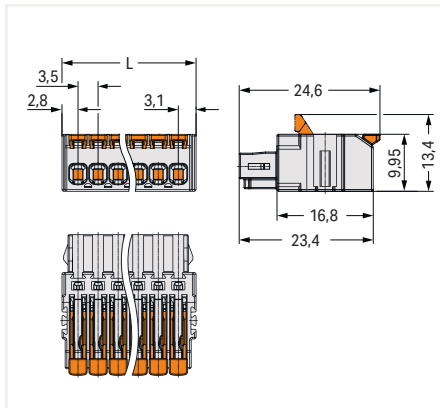
2734-1106/327-047

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

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
10	2734-1110/327-047	50
12	2734-1112/327-047	50
16	2734-1116/327-047	25



$L = (\text{pole no.} \times \text{pin spacing}) + 2.4 \text{ mm}$



$L = (\text{pole no.} \times \text{pin spacing}) + 2.4 \text{ mm}$

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 mismatching
- 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 mm <sup>2</sup> / 26 ... 14 AWG
Solid conductor; push-in termination	0.34 ... 1.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm <sup>2</sup>

**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
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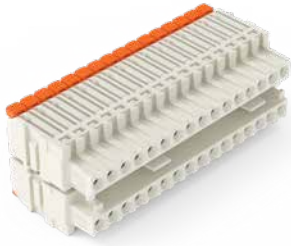
The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

For approvals and corresponding ratings, visit [www.wago.com](http://www.wago.com)

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

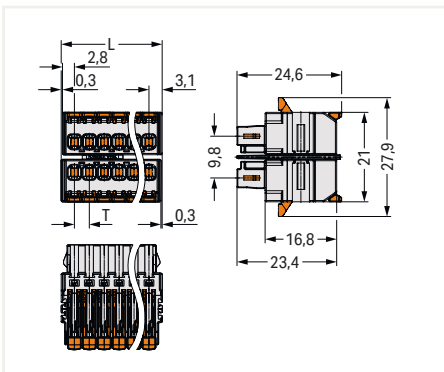
Pin spacing: 3.5 mm / 0.138 inches ▶ Actuation type: Lever ▶ Push-in CAGE CLAMP® ▶

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 <sub>cu</sub> )
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 <sup>(+0,1)</sup> 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](http://www.wago.com)

## THT double-deck male header, 2-row ▶ MCS MINI ▶ 2734 Series

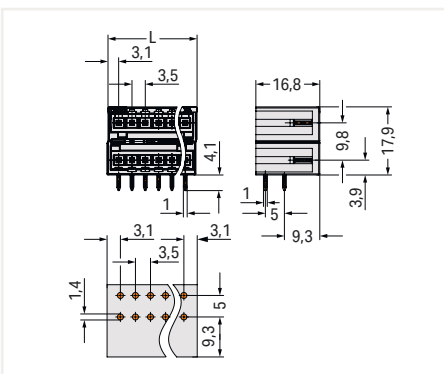
Pin spacing: 3.5 mm / 0.138 inches ▶ Color: light gray

Mating direction to the PCB: 0°



734-1446

Pole No.	Item No.	PU
32	734-1446	



$L = (\text{pol no.}/2) \times \text{pin spacing} + 2.7 \text{ mm}$

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



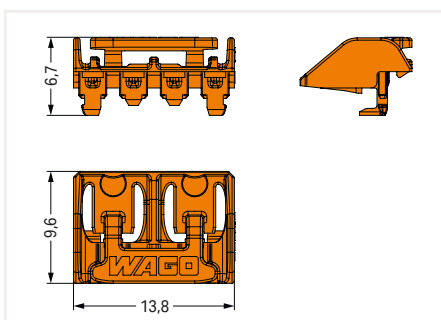
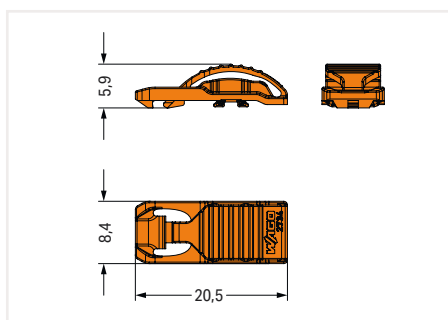
2734-510



2734-516

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

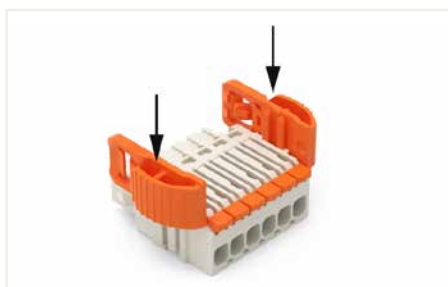
Center locking for 4 ... 10 poles		
Color	Item No.	PU
orange	2734-516	100



Install the side locking levers.



Install the center locking device.



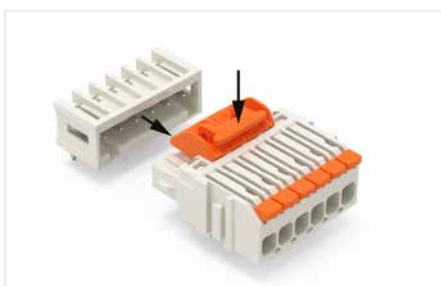
Insert the locking levers into the receptacles until fully inserted.



Insert the locking lever into the receptacles until fully inserted.



Disconnect the female connector after operating the locking mechanism.



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 ▶**

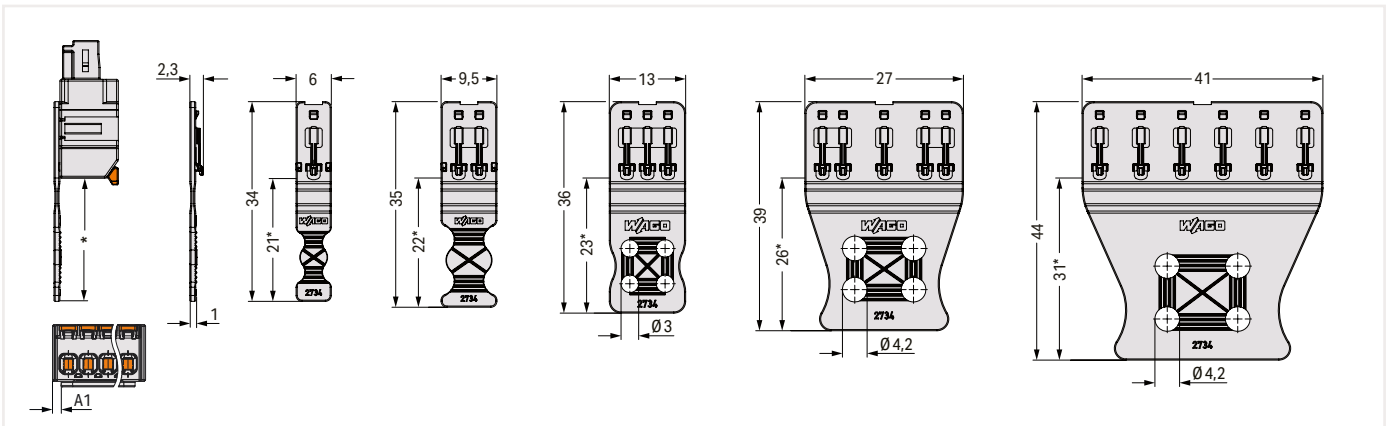
**Color: light gray**

**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

**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 mismatching
- 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 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup>

**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
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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](http://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



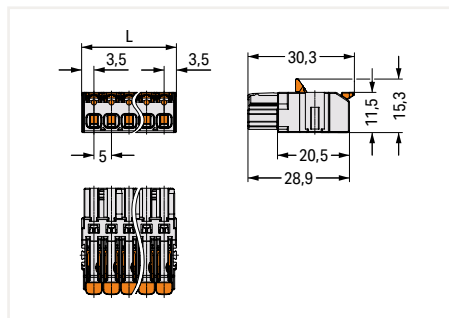
2721-1106/326-000



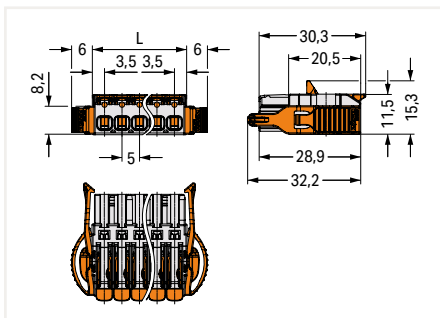
2721-1106/-037000

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 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup>

**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
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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](http://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



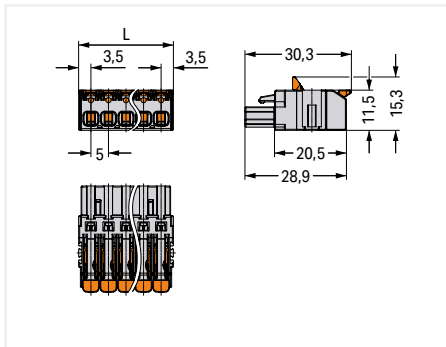
2231-1106/327-000



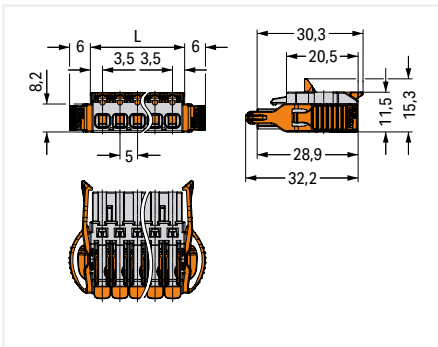
2231-1106/038-000

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:

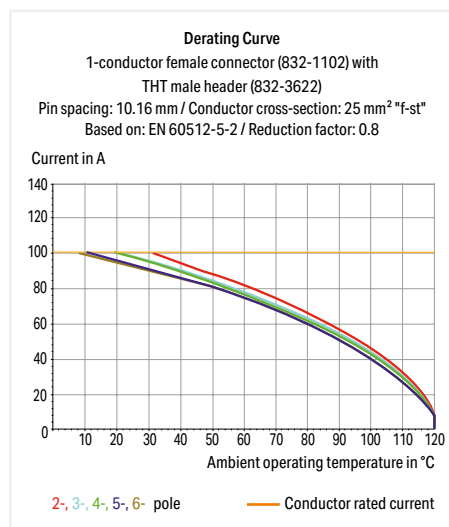
- Gold-plated or partially gold-plated contact surfaces
- Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

# 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 mismatching
- Coding option available



## Electrical data

Ratings per	IEC/EN 60664-1		
Overtoltage 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 mm <sup>2</sup> / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm <sup>2</sup> / 18 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 ... 16 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm <sup>2</sup>

## Material Data

Insulation material	Polybutylene terephthalate (PBT)
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>cu</sub> )
Contact plating	Silver

## Environmental requirements

Limit temperature range	-60 ... +120 °C
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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](http://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

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

1-conductor male connector



832-1101/011-000



832-1101/011-000/037-000

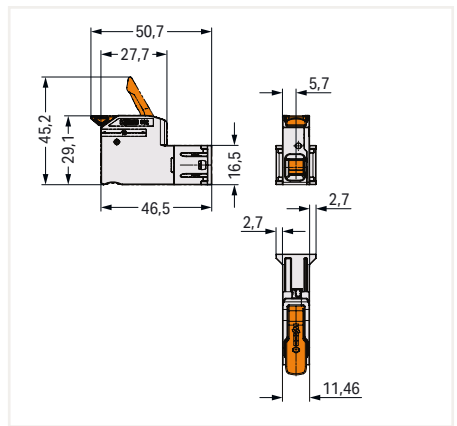
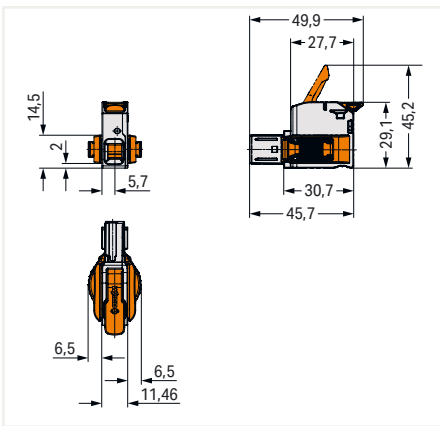
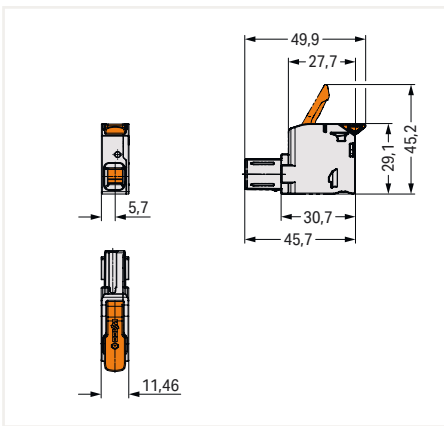


832-1201/011-000

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

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

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



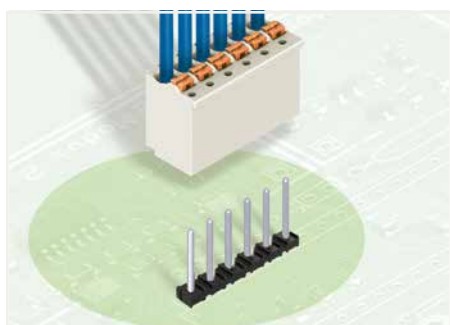
PU = packaging unit; SPU = subpackaging unit; Dimensions in mm

Variants:

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

**THT Solder pin strip ▶ *picoMAX*<sup>®</sup> 3.5 ▶ 2091 Series**

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

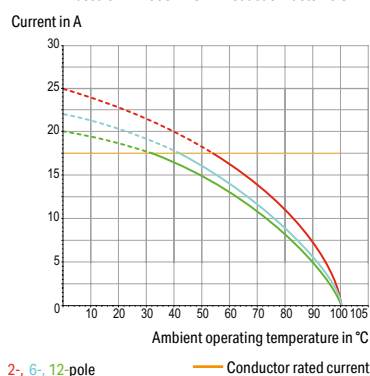


- Horizontal or vertical PCB mounting via straight or angled solder pin strips
- Assembly of female connectors without loss of poles, allowing different functions to be divided within solder pin strip

**Derating Curve**

1-conductor female connector (2091-1122) with  
THT-solder pin strip (2091-1702)

Pin spacing: 3.5 mm / Conductor cross-section 1.5 mm<sup>2</sup> "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	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 <sup>(+0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +100 °C
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The *picoMAX*<sup>®</sup> 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°

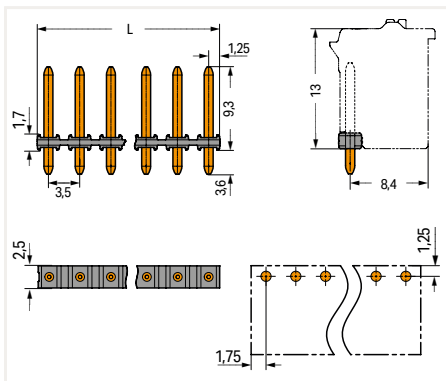
Mating direction to the PCB: 0°



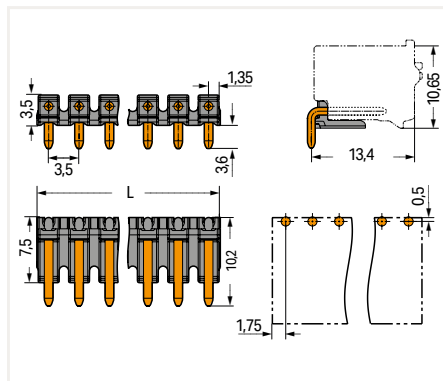
2091-1706

2091-1726

Pole No.	Item No.	PU	Pole No.	Item No.	PU
2	2091-1702	500	2	2091-1722	400
3	2091-1703	500	3	2091-1723	400
4	2091-1704	500	4	2091-1724	400
5	2091-1705	500	5	2091-1725	400
6	2091-1706	500	6	2091-1726	400
7	2091-1707	500	7	2091-1727	400
8	2091-1708	500	8	2091-1728	400
10	2091-1710	400	10	2091-1730	300
12	2091-1712	400	12	2091-1732	300



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



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

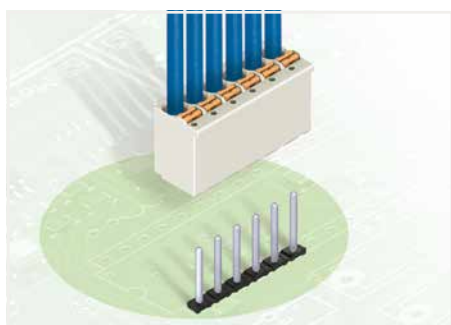
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

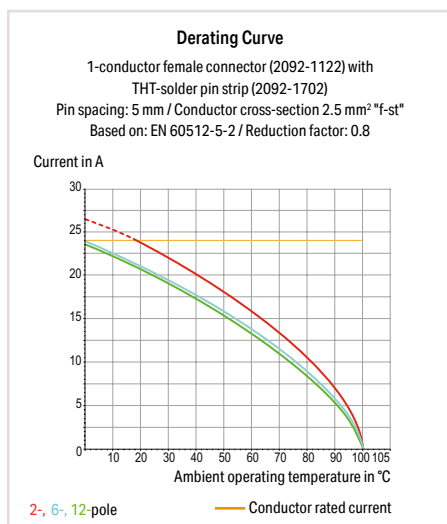
- Other Pole No.s

**THT Solder pin strip ▶ *picoMAX*<sup>®</sup> 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 <sup>(+0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +100 °C
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The *picoMAX*<sup>®</sup> 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°

Mating direction to the PCB: 0°

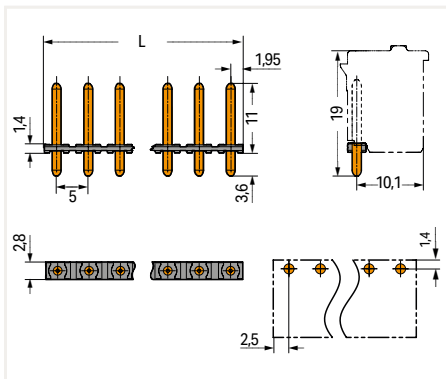


2092-1706

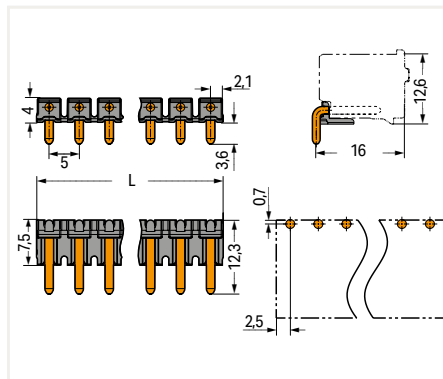
2092-1726

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

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



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



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

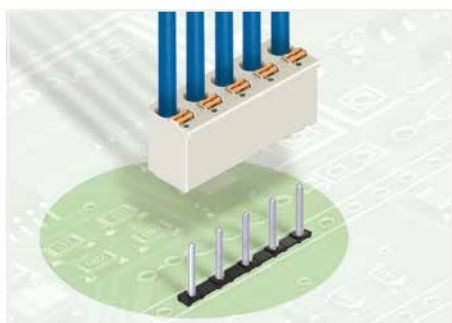
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

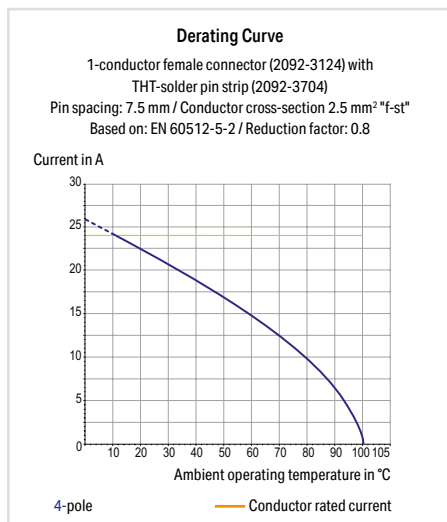
- Other Pole No.s

**THT Solder pin strip ▶ *picoMAX*<sup>®</sup> 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 <sup>(+0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +100 °C
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The *picoMAX*<sup>®</sup> 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°

Mating direction to the PCB: 0°

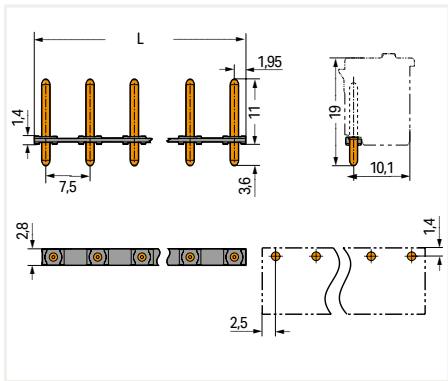


2092-3705

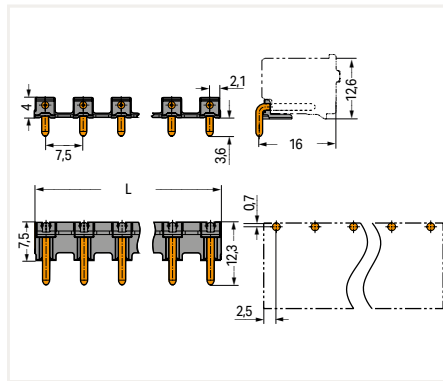
Pole No.	Item No.	PU
2	2092-3702	400
3	2092-3703	400
4	2092-3704	400
5	2092-3705	400

2092-3725

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



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



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

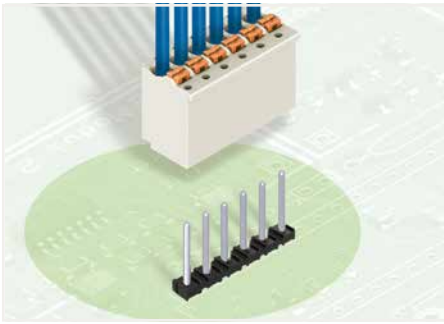
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

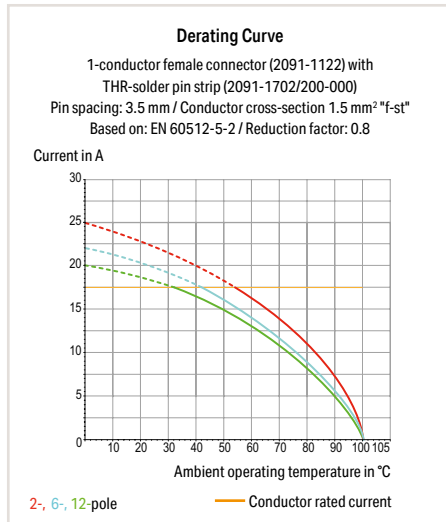
- Other Pole No.s

**THR Solder pin strip ▶ *picoMAX*<sup>®</sup> 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 <sup>(±0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +100 °C
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The *picoMAX*<sup>®</sup> 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°

Mating direction to the PCB: 0°

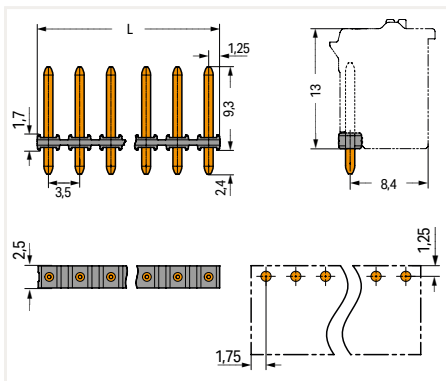


2091-1706/200-000

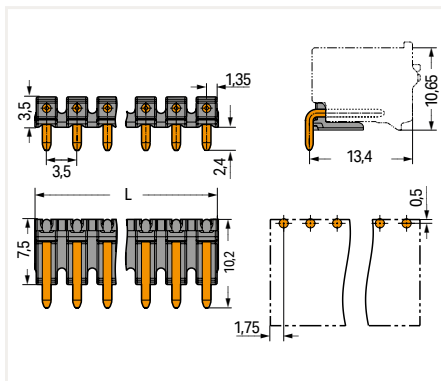
2091-1726/200-000

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

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



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



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

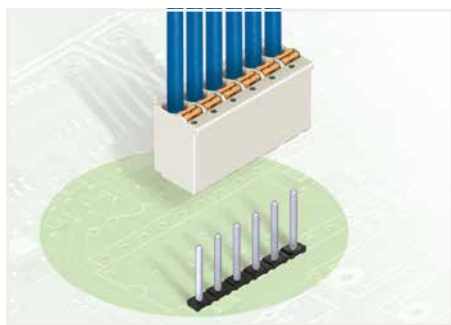
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

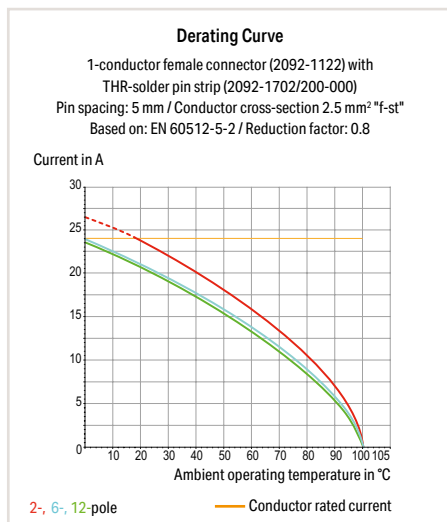
- Other Pole No.s

**THR Solder pin strip ▶ *picoMAX*<sup>®</sup> 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 <sup>(+0.1)</sup> mm

**Environmental Requirements**

Limit temperature range	-60 ... +100 °C
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The *picoMAX*<sup>®</sup> 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°

Mating direction to the PCB: 0°

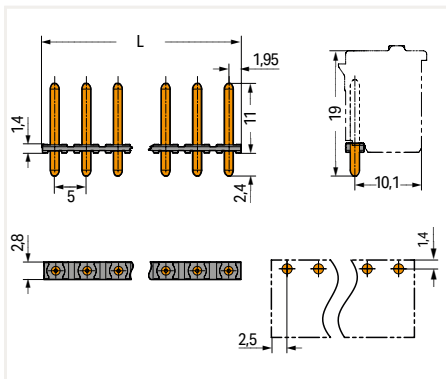


2092-1706/200-000

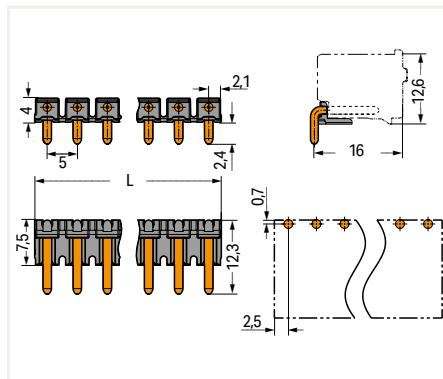
2092-1726/200-000

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

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



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



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

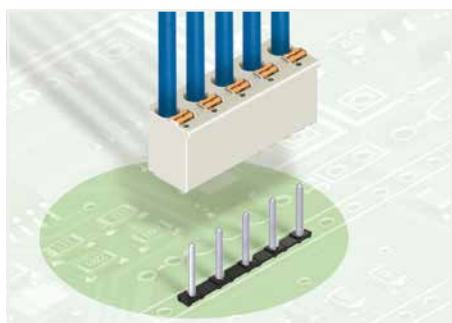
PU = Packaging Unit; SPU = Subpackaging Unit; Dimensions in mm

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

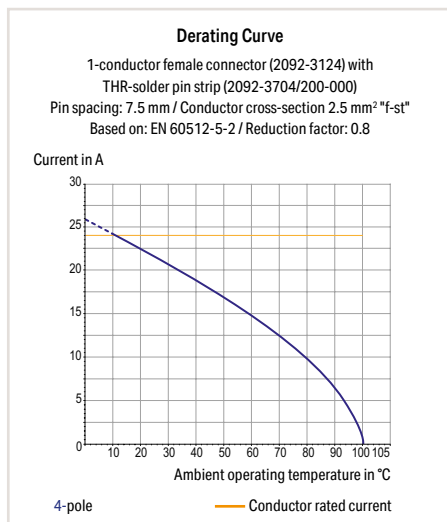
- Other Pole No.s

**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

**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 <sup>(+0.1)</sup> 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°

Mating direction to the PCB: 0°

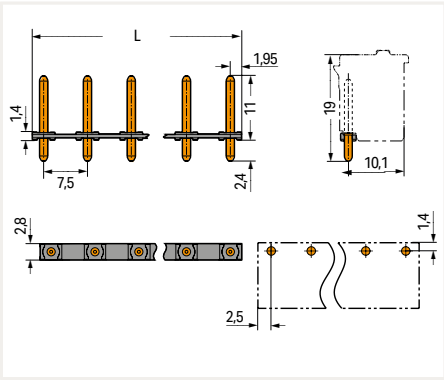


2092-3705/200-000

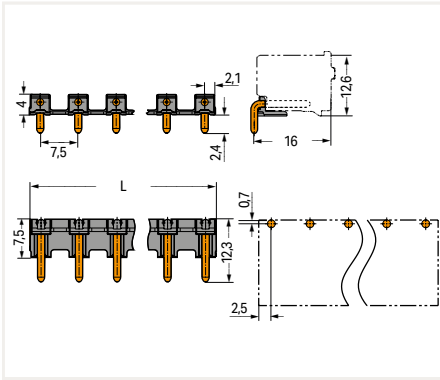
2092-3725/200-000

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

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



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



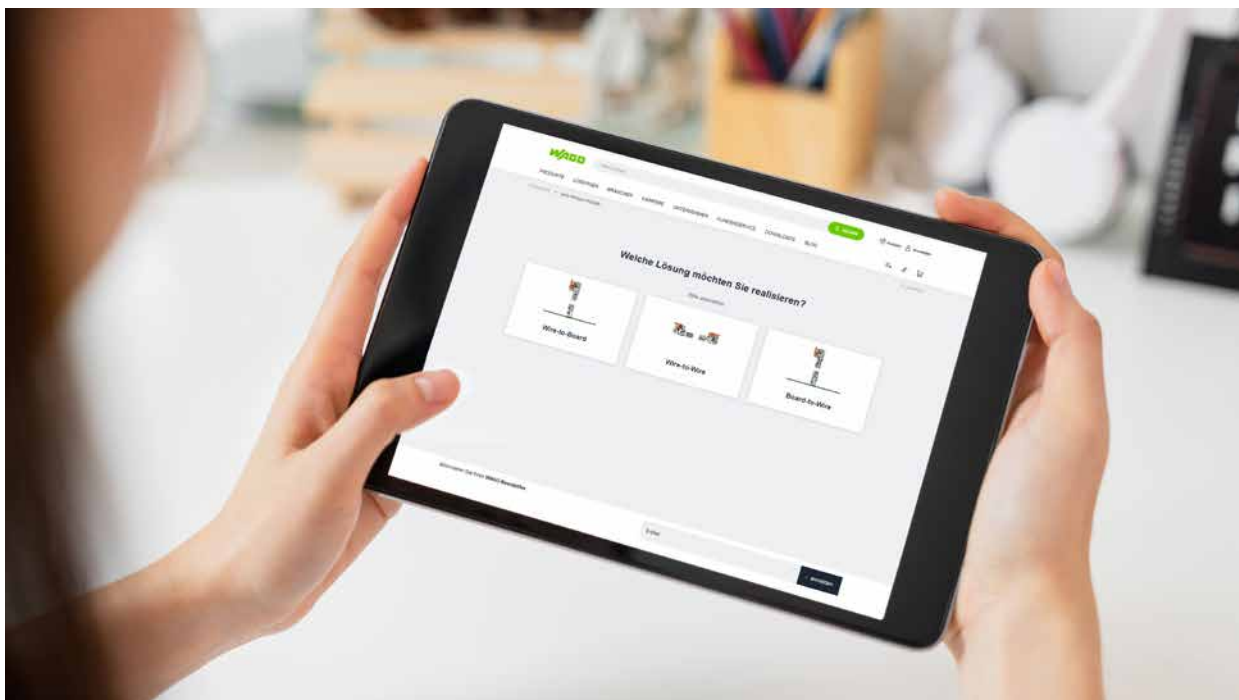
$L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.2 \text{ mm}$

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

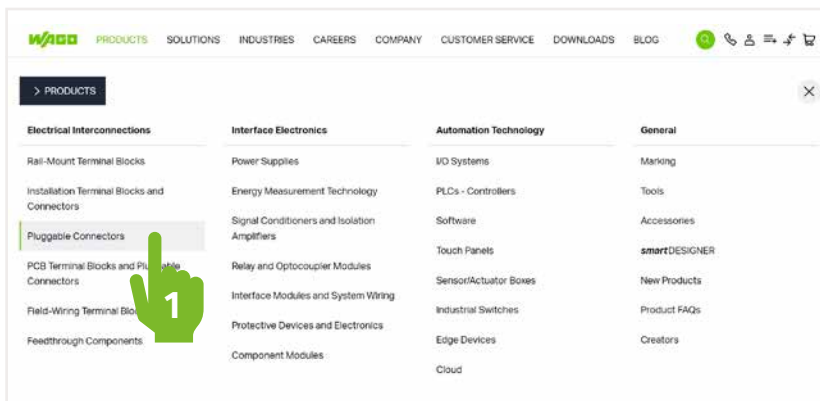
Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>:

- Other Pole No.s

## Product Finder: Pluggable PCB Connectors



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



Scroll down



### Product Finder: PCB Connectors

The product finder for PCB connectors now offers a quick and easy way to find the right pluggable device connection. A guided dialog asks about the application's requirements and then recommends the appropriate mix of items.



Go to the product finder

## Find the Right Items in Just a Few Clicks

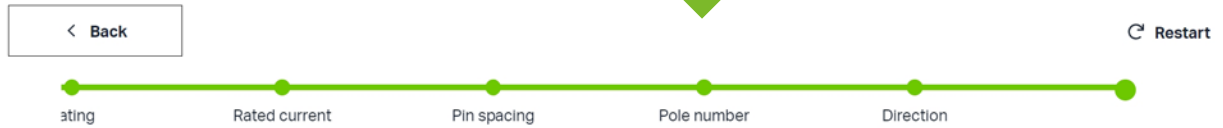


Which solution do you want to implement?



Simple property-based application query:

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



Change components.	Change counterpart.
 <p><b>1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm<sup>2</sup>; light gray</b></p> <ul style="list-style-type: none"> <li>✓ Rated current according to IEC/EN: 76 A</li> <li>✓ Pin spacing: 10,16 mm</li> <li>✓ Product line: MCS MAXI 16</li> <li>✓ Item-no.: 832-1104</li> <li>✓ Rated voltage per IEC/EN (III/3): 1000.00 V</li> </ul>	 <p><b>THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 4-pole; light gray</b></p> <ul style="list-style-type: none"> <li>✓ Pin spacing: 10,16 mm</li> <li>✓ Product line: MCS MAXI 16</li> <li>✓ Item-no.: 832-3604</li> <li>✓ Rated current according to IEC/EN: 76 A</li> </ul>



Add to cart

**Easy. Fast. Simple.**



# WAGO Marking

## WAGO Marking

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	<b>Push-Button Markers</b> 88

## 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

### Your Companion for Mobile Marking



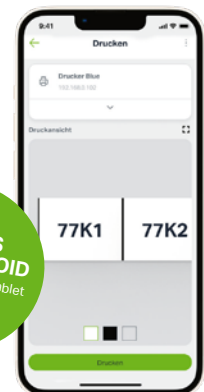
### Marking

Made Easy via App

- Simply scan or select a marking media via barcode.
- Insert text via the automatic text suggestions, apply and print.
- 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](http://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

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



210-864



210-866

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




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





**WAGO Accessories and WAGO Tools**

## WAGO Accessories and WAGO Tools

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	<b>VDE Screwdriver</b>	<b>206 Series</b>	<b>94</b>
	<b>Tool Bag</b>	<b>206 Series</b>	<b>95</b>

## 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

- 1 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](http://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			Phillips screwdriver ▶ PH0 ▶ 60 mm			Combination screwdriver ▶ Cross and slot +/- PH1/S		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2111	1		206-2120	1		206-2141	1
Slot screwdriver ▶ (3.0 x 0.5 x 0.4) mm			Phillips screwdriver ▶ PH1 ▶ 80 mm			Combination screwdriver ▶ Cross and slot +/- PH2/S		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2112	1		206-2121	1		206-2142	1
Slot screwdriver ▶ (3.5 x 0.6) mm			Phillips screwdriver ▶ PH2 ▶ 100 mm			Combination screwdriver ▶ Cross and slot +/- PZ1/S		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2113	1		206-2122	1		206-2151	1
Slot screwdriver ▶ (4.0 x 0.8) mm			Phillips screwdriver ▶ PH2 ▶ 150 mm			Combination screwdriver ▶ Cross and slot +/- PZ2/S		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2114	1		206-2123	1		206-2152	1
Slot screwdriver ▶ (5.5 x 1.0) mm			Phillips screwdriver ▶ PZ0 ▶ 60 mm			Torx® T8 screwdriver		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2115	1		206-2130	1		206-2163	1
Slot screwdriver ▶ (6.5 x 1.2) mm			Phillips screwdriver ▶ PZ1 ▶ 80 mm			Torx® T10 screwdriver		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2116	1		206-2131	1		206-2164	1
Slot screwdriver ▶ (8.0 x 1.2) mm			Phillips screwdriver ▶ PZ2 ▶ 100 mm			Torx® T15 screwdriver		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
	206-2117	1		206-2132	1		206-2165	1
			Phillips screwdriver ▶ PZ2 ▶ 150 mm			Torx® T20 screwdriver		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
				206-2133	1		206-2166	1
						Torx® T25 screwdriver		
Color	Item No.	PU	Color	Item No.	PU	Color	Item No.	PU
							206-2167	1
						Torx® T30 screwdriver		
Color	Item No.	PU	Color	Item No.	PU	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

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