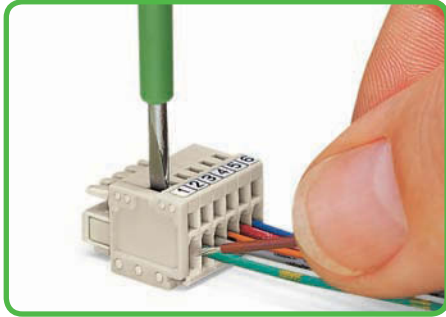


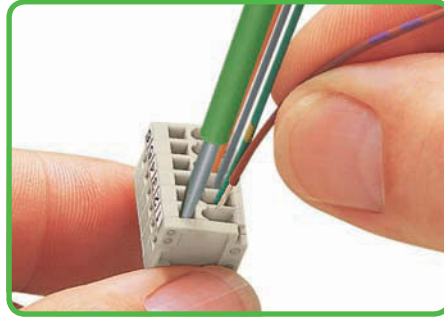
MULTI CONNECTION SYSTEM MICRO, MINI and MIDI

Description and Handling

CAGE CLAMP® connection

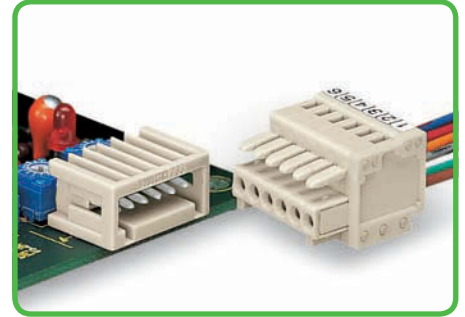


Inserting conductor via (2.5 x 0.4) mm screwdriver. Operation perpendicular to conductor entry.



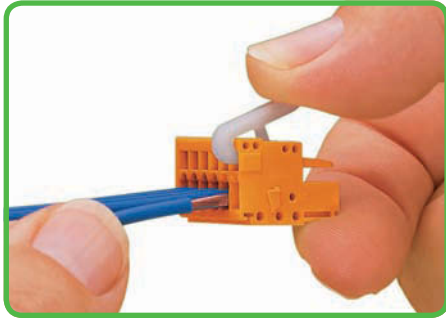
Inserting conductor via (2.5 x 0.4) mm screwdriver. Operation parallel to conductor entry.

Protection against mismatching

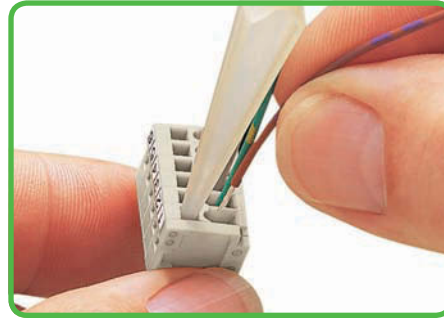


Male header and female connector - 100% protected against mismatching. Only mating halves with the same pole number can be connected together.

CAGE CLAMP® connection

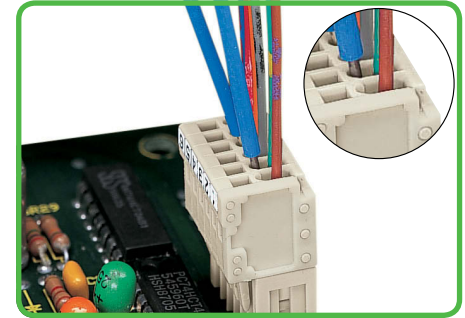


Inserting conductor via 734-230 operating lever.



Inserting conductor via 233-332 operating tool. Operation parallel to conductor entry.

Testing

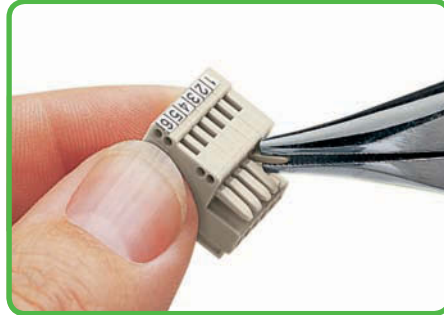


Testing with 1 mm Ø test probe, item no. 735-500, tip contact

Coding

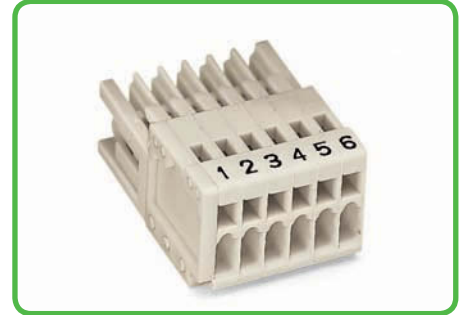


Coding a male header - fitting coding key(s).



Coding a female connector - removing coding finger(s).

Marking



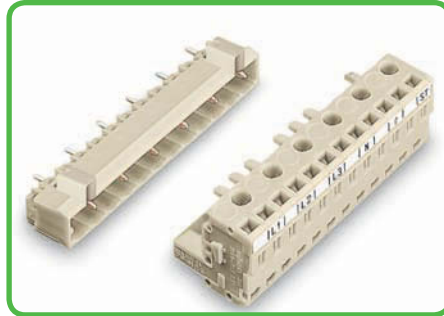
Marking by direct printing or using self-adhesive marker strips.

Insulation stop



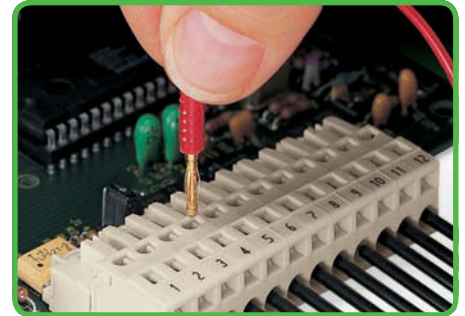
The insulation stop prevents the insulation of smaller conductors from being inserted into the clamping unit.

Pin spacing 10 mm/0.394 in



For 10 mm pin spacing, please contact factory.

Testing



Testing with 2 mm or 2.3 mm Ø test plug.

CAGE CLAMP® clamps the following copper conductors:



solid



stranded



fine-stranded



tip-bonded



with ferrule

Strip length, see packaging or instructions.

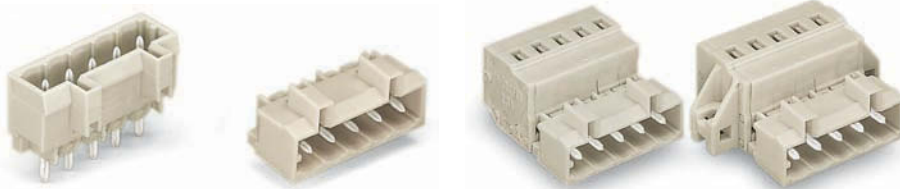
MULTI CONNECTION SYSTEM MIDI – 100% Protected Against Mismatching

Male Headers and Male Connectors

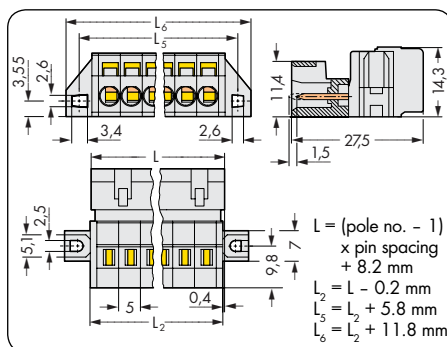
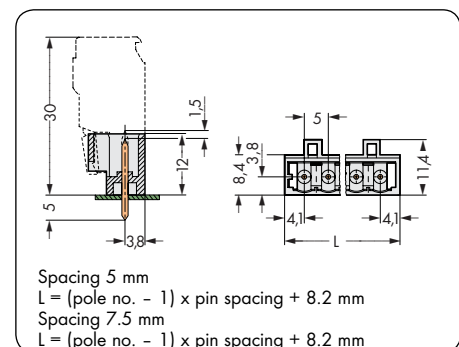
Pin Spacing 5 mm and 7.5 mm

Pin spacing 5 mm/0.197 in, light gray 320 V/4 kV/3 300 V, 10 A I_N 12 A 300 V, 10 A Pin spacing 7.5 mm/0.295 in, light gray 400 V/6 kV/3 300 V, 10 A I_N 12 A 300 V, 10 A Approvals	0.08 - 2.5 mm ² AWG 28 - 12* Pin spacing 5 mm/0.197 in, light gray 250 V/4 kV/3, 12 A 300 V, 15 A Pin spacing 7.5 mm/0.295 in, light gray 400 V/6 kV/3 300 V, 15 A 7 mm / 0.28 in Approvals	Accessories
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CAGE CLAMP®



Pole No.	Item No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories, 721 and 723 Series	Item No.	Pack. Unit	
Male header, 100% protected against mismatching, (1 x 1 mm) solder pins, light gray				Male connector with CAGE CLAMP®, 100% protected against mismatching, light gray				Marking strips, 100 self-adhesive strips				
Pin spacing 5 mm				Pin spacing 5 mm				Spacing 5 mm				
straight				with fixing flanges				1 - 12 (300x) 210-331/500-103				
angled								13 - 24 (300x) 210-331/500-104				
○ 2	721-132/001-000	721-432/001-000	200	○ 2	721-602	100	721-602/019-000	100	Spacing 7.5 mm			
○ 3	721-133/001-000	721-433/001-000	200	○ 3	721-603	100	721-603/019-000	50	1 - 16 (100x) 210-331/750-202			
○ 4	721-134/001-000	721-434/001-000	200	○ 4	721-604	100	721-604/019-000	50	Coding key, snap-on type,			
○ 5	721-135/001-000	721-435/001-000	200	○ 5	721-605	50	721-605/019-000	50	Spacing 5 mm			
○ 6	721-136/001-000	721-436/001-000	100	○ 6	721-606	50	721-606/019-000	50	light gray 231-129 100			
○ 7	721-137/001-000	721-437/001-000	100	○ 7	721-607	50	721-607/019-000	50	Spacing 7.5 mm			
○ 8	721-138/001-000	721-438/001-000	100	○ 8	721-608	50	721-608/019-000	50	light gray 231-130 100			
○ 9	721-139/001-000	721-439/001-000	100	○ 9	721-609	50	721-609/019-000	25	Insulation stop, 5 pcs/strip			
○ 10	721-140/001-000	721-440/001-000	100	○ 10	721-610	50	721-610/019-000	25	Spacing 5 mm			
○ 12	721-142/001-000	721-442/001-000	100	○ 12	721-612	25	721-612/019-000	25	0.08 - 0.2mm ² ②			
○ 14	721-144/001-000	721-444/001-000	50	:	:	:	:	:	white 231-670 200			
○ 16	721-146/001-000	721-446/001-000	50	○ 16	721-616	25	721-616/019-000	10	0.25 - 0.5 mm ²			
○ 20	721-150/001-000	721-450/001-000	50	○ 20	721-620	10	721-620/019-000	10	light gray 231-671 200			
Pin spacing 7.5 mm				Pin spacing 7.5 mm				Spacing 7.5 mm				
straight				with fixing flanges				0.08 - 0.2mm ² ②				
angled								white 231-673 200				
○ 2	721-232/001-000	721-832/001-000	200	○ 2	723-602	100	723-602/019-000	50	0.25 - 0.5 mm ²			
○ 3	721-233/001-000	721-833/001-000	200	○ 3	723-603	100	723-603/019-000	50	light gray 231-674 200			
○ 4	721-234/001-000	721-834/001-000	100	○ 4	723-604	50	723-604/019-000	50	0.75 - 1mm ²			
○ 5	721-235/001-000	721-835/001-000	100	○ 5	723-605	50	723-605/019-000	50	dark gray 231-672 200			
○ 6	721-236/001-000	721-836/001-000	100	○ 6	723-606	50	723-606/019-000	25	Spacing 7.5 mm			
○ 7	721-237/001-000	721-837/001-000	50	○ 7	723-607	50	723-607/019-000	25	0.08 - 0.2mm ² ②			
○ 8	721-238/001-000	721-838/001-000	50	○ 8	723-608	25	723-608/019-000	25	white 231-673 200			
○ 9	721-239/001-000	721-839/001-000	50	○ 9	723-609	25	723-609/019-000	25	0.25 - 0.5 mm ²			
○ 10	721-240/001-000	721-840/001-000	50	○ 10	723-610	25	723-610/019-000	25	light gray 231-674 200			
○ 11	721-241/001-000	721-841/001-000	50	○ 11	723-611	25	723-611/019-000	10	0.75 - 1mm ²			
○ 12	721-242/001-000	721-842/001-000	50	○ 12	723-612	25	723-612/019-000	10	dark gray 231-675 200			
Dimensions				Drilled hole diameter: 1.4^{+0.1} mm (1x1 mm solder pin)								



* AWG 12: THHN, THWN

For technical explanations and abbreviations, see technical section.

MULTI CONNECTION SYSTEM MIDI – 100% Protected Against Mismatching

Female Headers and Connectors

Pin Spacing 5 mm and 7.5 mm

Pin spacing 5 mm/0.197 in, light gray 250 V/4 kV/3 300 V, 10 A I_N 12 A 300 V, 15 A	Pin spacing 5 mm/0.197 in, light gray 0.08 - 2.5 mm ² AWG 28 - 12* 250 V/4 kV/3; 16 A 300 V, 15 A Pin spacing 7.5 mm/0.295 in, light gray 400 V/6 kV/3 300 V, 10 A	Pin spacing 5 mm/0.197 in, light gray 0.2 - 2.5 mm ² AWG 24 - 12* 250 V/4 kV/3 I_N 16 A 10 - 11 mm / 0.43 in
Pin spacing 7.5 mm/0.295 in, light gray 400 V/6 kV/3 300 V, 10 A	8 - 9 mm / 0.33 in	

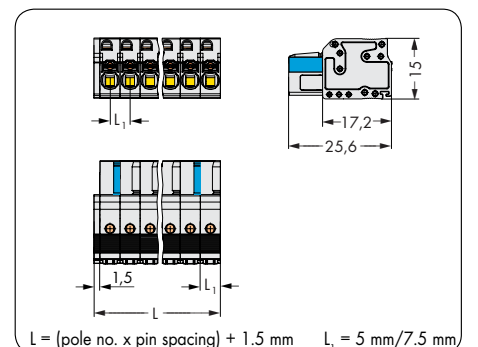
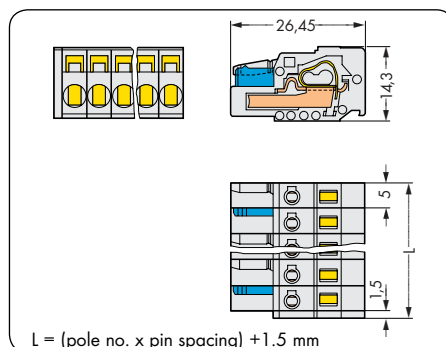
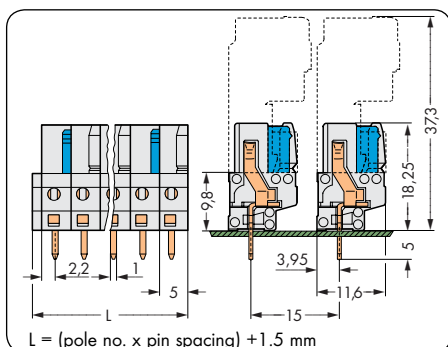
CAGE CLAMP®

CAGE CLAMP®S



Pole No.	Item No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Female header with solder pins, with coding fingers, with two latches, (0.6 x 1) mm solder pin, light gray				Female connector with CAGE CLAMP®, with coding fingers, with two latches, light gray				Female connector with CAGE CLAMP®S and integrated push-buttons, with coding fingers, with two latches, light gray			
Pin spacing 5 mm				Pin spacing 5 mm				Pin spacing 5 mm			
straight		angled		with locking levers							
2**	722-132	722-232	100	2**	721-102/026-000	100	721-102/037-000	100	2**	2721-102/026-000	100
3	722-133	722-233	100	3	721-103/026-000	100	721-103/037-000	50	3	2721-103/026-000	100
4	722-134	722-234	100	4	721-104/026-000	100	721-104/037-000	50	4	2721-104/026-000	100
5	722-135	722-235	100	5	721-105/026-000	100	721-105/037-000	50	5	2721-105/026-000	100
6	722-136	722-236	50	6	721-106/026-000	50	721-106/037-000	50	6	2721-106/026-000	50
:	:	:	:	:	:	:	:	:	:	:	:
10	722-140	722-240	50	10	721-110/026-000	50	721-110/037-000	25	10	2721-110/026-000	50
12	722-142	722-242	25	12	721-112/026-000	25	721-112/037-000	25	12	2721-112/026-000	25
14	722-144	722-244	25	:	:	:	:	:	14	2721-114/026-000	25
16	722-146	722-246	25	16	721-116/026-000	25	721-116/037-000	10	16	2721-116/026-000	25
20	722-150	722-250	10	20	721-120/026-000	10	721-120/037-000	10	20	2721-120/026-000	10
Pin spacing 7.5 mm (pole no - 1) x pin spacing + 5 mm + 1.5 mm				Pin spacing 7.5 mm (pole no. - 1) + 5 mm				Pin spacing 7.5 mm			
straight		angled		with locking levers							
2**	722-732	722-832	100	2**	721-202/026-000	100	721-202/037-000	50	2**	2721-202/026-000	100
3	722-733	722-833	100	3	721-203/026-000	100	721-203/037-000	50	3	2721-203/026-000	100
4	722-734	722-834	50	4	721-204/026-000	50	721-204/037-000	50	4	2721-204/026-000	50
5	722-735	722-835	50	5	721-205/026-000	50	721-205/037-000	50	5	2721-205/026-000	50
6	722-736	722-836	50	6	721-206/026-000	50	721-206/037-000	25	6	2721-206/026-000	50
7	722-737	722-837	50	7	721-207/026-000	50	721-207/037-000	25	7	2721-207/026-000	50
8	722-738	722-838	25	8	721-208/026-000	25	721-208/037-000	25	8	2721-208/026-000	25
9	722-739	722-839	25	9	721-209/026-000	25	721-209/037-000	25	9	2721-209/026-000	25
10	722-740	722-840	25	10	721-210/026-000	25	721-210/037-000	25	10	2721-210/026-000	25
11	722-741	722-841	25	11	721-211/026-000	25	721-211/037-000	10	11	2721-211/026-000	25
12	722-742	722-842	25	12	721-212/026-000	25	721-212/037-000	10	12	2721-212/026-000	25
**one latch only				**one latch only				**one latch only			

Dimensions Drilled hole diameter: 1.3 ^{+0.1}mm



Approvals are available online at: www.wago.com.
For technical explanations and abbreviations, see technical section.

* AWG 12: THHN, THWN

MULTI CONNECTION SYSTEM MIDI – 100% Protected Against Mismatching, Female Headers and Connectors

Pin Spacing 5 mm and 7.5 mm

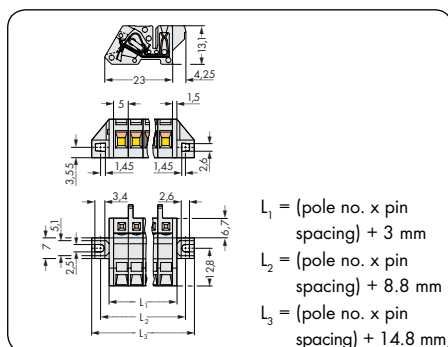
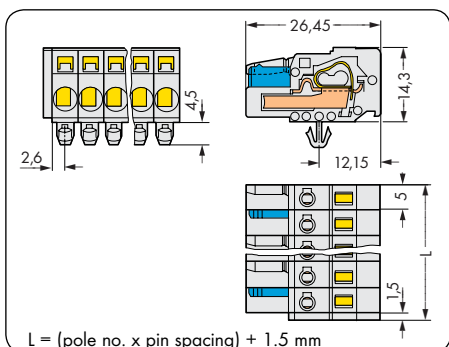
CAGE CLAMP®

<p>Pin spacing 5 mm/0.197 in, light gray 0.08 - 2.5 mm² AWG 28 - 12* 250 V/4 kV/3; 12 A 300 V, 15 A </p> <p>Pin spacing 7.5 mm/0.295 in, light gray 400 V/6 kV/3 300 V, 15 A </p> <p> 8 - 9 mm / 0.33 in ① Approvals</p>	<p>Pin spacing 5 mm/0.197 in, light gray 0.08 - 2.5 mm² AWG 28 - 12* 250 V/4 kV/3; 12 A 300 V, 15 A </p> <p>Pin spacing 7.5 mm/0.295 in, light gray 400 V/6 kV/3 300 V, 15 A </p> <p> 8 - 9 mm / 0.33 in ① Approvals</p>	<p>Accessories</p>
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Pole No.	Item No.	Pack.	Unit	Item No.	Pack.	Unit	Pole No.	Item No.	Pack.	Unit	Item No.	Pack.	Unit	Accessories, 721 and 7271 Series	Item No.		
<p>Female connector with CAGE CLAMP® and fixing flanges for panel mounting, with coding fingers, with two latches, for screw or similar mounting types, light gray</p> <p>and snap-in mounting feet, for 0.6 - 1.2 mm plate thickness, 3.5 mm Ø mounting holes, or with 209-137 mounting adapter for DIN 35 rail</p>							<p>Angled female connector with CAGE CLAMP® and fixing flanges for panel mounting, with two latches, for screw or similar mounting types, light gray</p> <p>and snap-in mounting feet, for 0.6 - 1.2 mm plate thickness, 3.5 mm Ø mounting holes</p>							<p>Marking strips, 100 self-adhesive strips</p> <p>Spacing 5 mm 1 - 12 (300x) 210-331/500-103 13 - 24 (300x) 210-331/500-104</p> <p>Spacing 7.5 mm 1 - 16 (100x) 210-331/750-202</p> <p>Insulation stop, 5 pcs/strip</p> <p>Spacing 5 mm 0.08-0.2mm² ② white 231-670 200 0.25-0.5 mm² light gray 231-671 200 0.75-1 mm² dark gray 231-672 200</p> <p>Spacing 7.5 mm 0.08-0.2mm² ② white 231-673 200 0.25-0.5 mm² light gray 231-674 200 0.75-1 mm² dark gray 231-675 200</p> <p>② 0.2 mm² "sol." (0.14 mm² "fst")</p> <p>Mounting adapter, for DIN 35 rail, 3 or more poles</p> <p>gray 209-137 1</p> <p>Tapping screw B 2.2 x 9.5 mm 209-147 100 Drilled hole, 1.8 mm Ø</p> <p>Screw with nut M 2 x 12 mm 231-195 100 for fixing flange</p> <p>Test plug, with 500 mm cable, 2 mm Ø, red 210-136 50 2.3 mm Ø, yellow 210-137 50</p> <p>Operating tool with partially insulated shaft, type 2, (3.5 x 0.5) mm blade 210-720 1</p> <p>Operating tool, for female and male connectors 210-250 1</p>			
<p>Pin spacing 5 mm with fixing flanges with snap-in mounting feet</p> <p>○ 2** 721-102/031-000 100 721-102/008-000 100</p> <p>○ 3 721-103/031-000 50 721-103/008-000 100</p> <p>○ 4 721-104/031-000 50 721-104/008-000 100</p> <p>○ 5 721-105/031-000 50 721-105/008-000 100</p> <p>○ 6 721-106/031-000 50 721-106/008-000 50</p> <p>: : :</p> <p>○ 10 721-110/031-000 25 721-110/008-000 50</p> <p>○ 12 721-112/031-000 25 721-112/008-000 25</p> <p>: : :</p> <p>○ 16 721-116/031-000 10 721-116/008-000 25</p> <p>○ 20 721-120/031-000 10 721-120/008-000 10</p>							<p>Pin spacing 5 mm with fixing flanges with snap-in mounting feet</p> <p>○ 2 721-302/031-000 100 721-302/008-000 100</p> <p>○ 3 721-303/031-000 50 721-303/008-000 50</p> <p>○ 4 721-304/031-000 50 721-304/008-000 50</p> <p>○ 5 721-305/031-000 50 721-305/008-000 50</p> <p>○ 6 721-306/031-000 50 721-306/008-000 50</p> <p>: : :</p> <p>○ 10 721-310/031-000 25 721-310/008-000 50</p> <p>○ 12 721-312/031-000 25 721-312/008-000 25</p> <p>: : :</p> <p>○ 16 721-316/031-000 10 721-316/008-000 25</p> <p>○ 20 721-320/031-000 10 721-320/008-000 10</p>							<p>Pin spacing 7.5 mm (pole no. - 1) x pin spacing + 5 mm + 1.5 mm with fixing flanges with snap-in mounting feet</p> <p>○ 2** 721-202/031-000 50 721-202/008-000 100</p> <p>○ 3 721-203/031-000 50 721-203/008-000 100</p> <p>○ 4 721-204/031-000 50 721-204/008-000 50</p> <p>○ 5 721-205/031-000 50 721-205/008-000 50</p> <p>○ 6 721-206/031-000 25 721-206/008-000 50</p> <p>: : :</p> <p>○ 11 721-211/031-000 10 721-211/008-000 25</p> <p>○ 12 721-212/031-000 10 721-212/008-000 25</p>		<p>Pin spacing 7.5 mm (pole no. - 1) + 5 mm with fixing flanges with snap-in mounting feet</p> <p>○ 2 721-332/031-000 50 721-332/008-000 100</p> <p>○ 3 721-333/031-000 50 721-333/008-000 100</p> <p>○ 4 721-334/031-000 50 721-334/008-000 50</p> <p>○ 5 721-335/031-000 50 721-335/008-000 50</p> <p>○ 6 721-336/031-000 50 721-336/008-000 50</p> <p>: : :</p> <p>○ 11 721-341/031-000 25 721-341/008-000 25</p> <p>○ 12 721-342/031-000 25 721-342/008-000 25</p>	

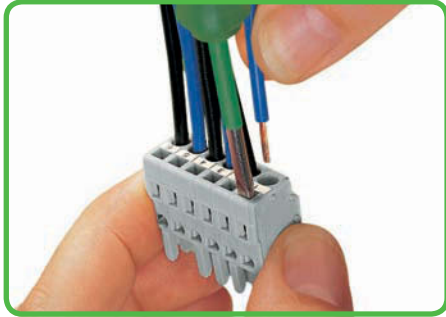
Dimensions



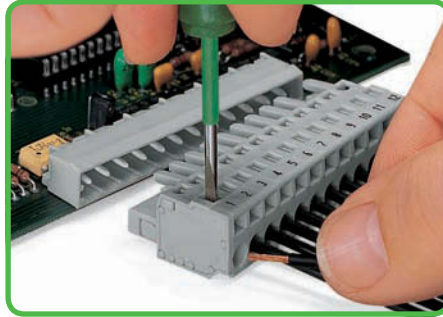
MULTI CONNECTION SYSTEM MIDI Classic

Description and Handling

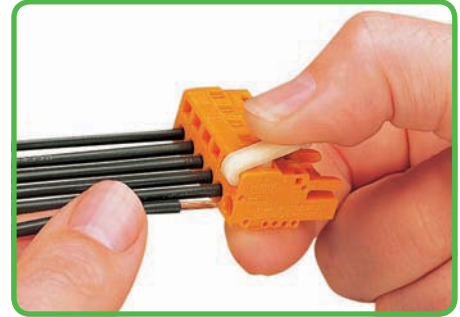
CAGE CLAMP® connection



Inserting conductor using 3.5 mm screwdriver – CAGE CLAMP® actuation parallel to conductor entry.

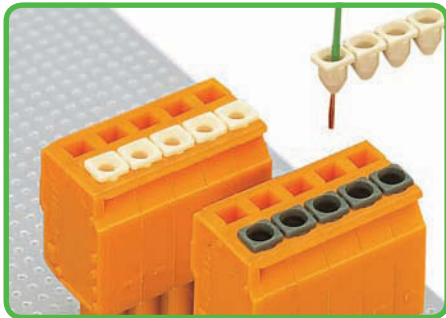


Inserting conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.



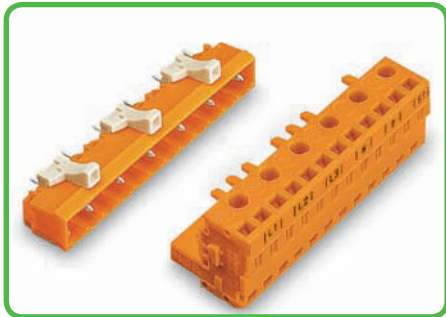
Inserting conductor into CAGE CLAMP® unit via 231-131 operating lever.

Insulation stop

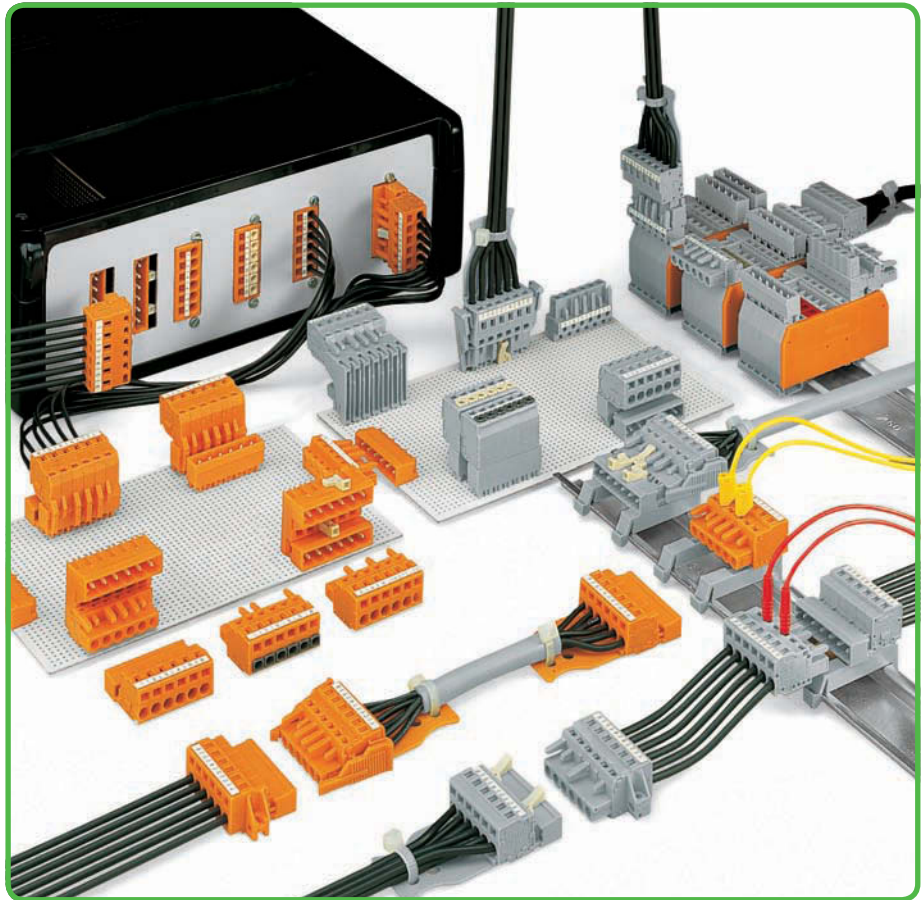


Prevents conductor insulation from being inserted into the clamping unit for CAGE CLAMP® and CAGE CLAMP®S.

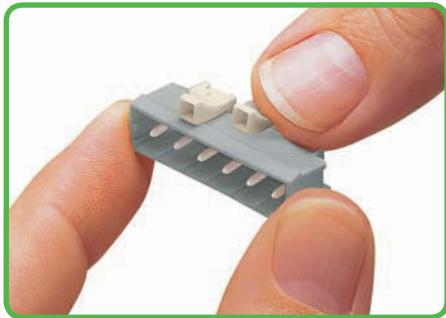
Pin spacing 10 mm and 10.16 mm



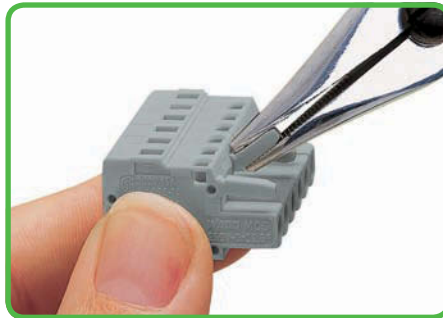
Shown here with 10.16 mm/0.4 in spacing (upon request).



Coding

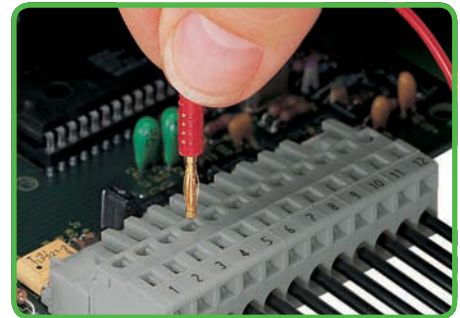


Coding a male header – fitting coding key(s).



Coding a female connector – removing coding finger(s).

Testing



Testing female connector with CAGE CLAMP®. Vertical insertion of 2 mm or 2.3 mm Ø test plug.

CAGE CLAMP® clamps the following copper conductors:



solid



stranded



fine-stranded



tip-bonded



with ferrule













with pin terminal

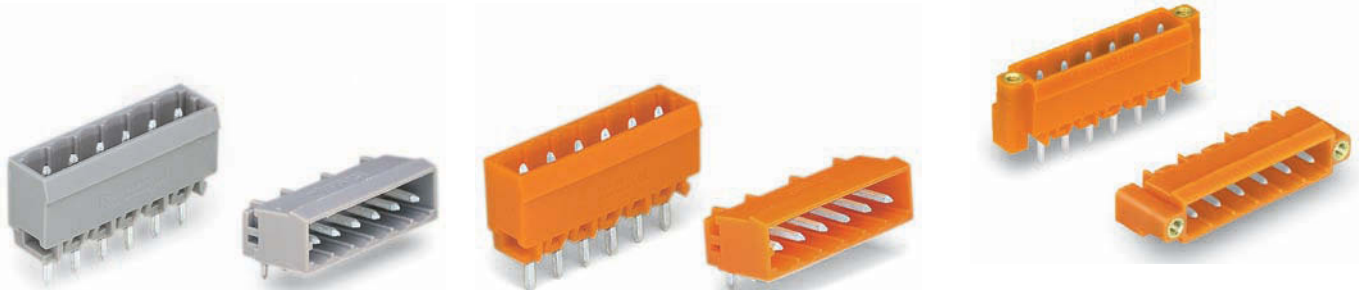
Strip length, see packaging or instructions.

MULTI CONNECTION SYSTEM MIDI Classic







Male Headers with Solder Pins

Pin Spacing 5 mm; 5.08 mm; 7.5 mm and 7.62 mm

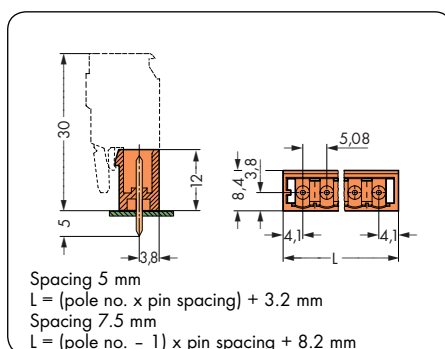
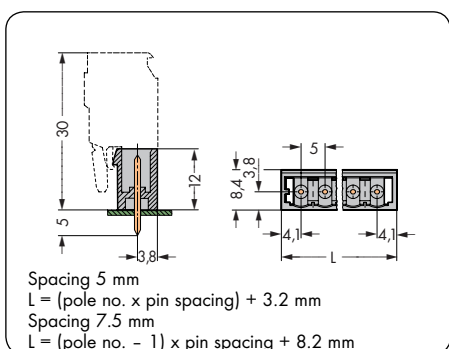
<p>Pin spacing 5 mm/0.197 in, gray 320 V/4 kV/3 300 V, 10 A   I_N 12 A</p> <p>Pin spacing 7.5 mm/0.295 in, gray 630 V/6 kV/3 300 V, 10 A   I_N 12 A</p> <p> Approvals</p>	<p>Pin spacing 5.08 mm/0.2 in, orange 250 V/4 kV/3 300 V, 10 A   I_N 12 A</p> <p>Pin spacing 7.62 mm/0.3 in, orange 630 V/6 kV/3 300 V, 10 A   I_N 12 A</p> <p> Approvals</p>	<p>Accessories</p>
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For male headers with screw flanges, see Full Line Catalog, Volume 2.

Pole No.	Item No.	Item No.	Pack. Unit	Pole No.	Item No.	Item No.	Pack. Unit	Accessories, 231 Series	Item No.
Male header with 1 x 1 mm solder pins, gray				Male header with 1 x 1 mm solder pins, orange				Coding key, snap-on type,	
Pin spacing 5 mm				Pin spacing 5.08 mm				 5 mm and 5.08 mm pin spacing light gray 231-129 100	
straight				straight				7.5 mm and 7.62 mm pin spacing light gray 231-130 100	
2	231-132/001-000	231-432/001-000	200	2	231-332/001-000	231-532/001-000	200	Fixing element, horizontal,	
3	231-133/001-000	231-433/001-000	200	3	231-333/001-000	231-533/001-000	200	 5 mm and 7.5 mm pin spacing gray 231-193 100	
4	231-134/001-000	231-434/001-000	200	4	231-334/001-000	231-534/001-000	200	Fixing element, horizontal,	
5	231-135/001-000	231-435/001-000	200	5	231-335/001-000	231-535/001-000	200	 5.08 mm and 7.62 mm pin spacing orange 231-393 100	
:	:	:	:	:	:	:	:	Tapping screw,	
12	231-142/001-000	231-442/001-000	100	12	231-342/001-000	231-542/001-000	100	 for 1.8 mm Ø mounting hole B 2.2 x 13 mm 231-194 100	
21	231-151/001-000	231-451/001-000	50	21	231-351/001-000	231-551/001-000	50	Screw with nut,	
22	231-152/001-000	231-452/001-000	50	22	231-352/001-000	231-552/001-000	50	 for fixing element M 2 x 12 mm 231-195 100	
23	231-153/001-000	231-453/001-000	50	23	231-353/001-000	231-553/001-000	50	Separator, for formation of groups	
24	231-154/001-000	231-454/001-000	50	24	231-354/001-000	231-554/001-000	50	 light gray 231-500 100	
Pin spacing 7.5 mm				Pin Spacing 7.62 mm					
straight				straight					
2	231-232/001-000	231-832/001-000	200	2	231-732/001-000	231-932/001-000	200		
3	231-233/001-000	231-833/001-000	200	3	231-733/001-000	231-933/001-000	200		
4	231-234/001-000	231-834/001-000	100	4	231-734/001-000	231-934/001-000	100		
5	231-235/001-000	231-835/001-000	100	5	231-735/001-000	231-935/001-000	100		
6	231-236/001-000	231-836/001-000	100	6	231-736/001-000	231-936/001-000	100		
7	231-237/001-000	231-837/001-000	50	7	231-737/001-000	231-937/001-000	50		
8	231-238/001-000	231-838/001-000	50	8	231-738/001-000	231-938/001-000	50		
9	231-239/001-000	231-839/001-000	50	9	231-739/001-000	231-939/001-000	50		
10	231-240/001-000	231-840/001-000	50	10	231-740/001-000	231-940/001-000	50		
11	231-241/001-000	231-841/001-000	50	11	231-741/001-000	231-941/001-000	50		
12	231-242/001-000	231-842/001-000	50	12	231-742/001-000	231-942/001-000	50		
13	231-243/001-000	231-843/001-000	50						
16	231-246/001-000	231-846/001-000	50						

Dimensions Drilled hole diameter: 1.4 ^{+0.1} mm (1 x 1 mm solder pin)



 Approvals are available online at: www.wago.com.
For technical explanations and abbreviations, see technical section.

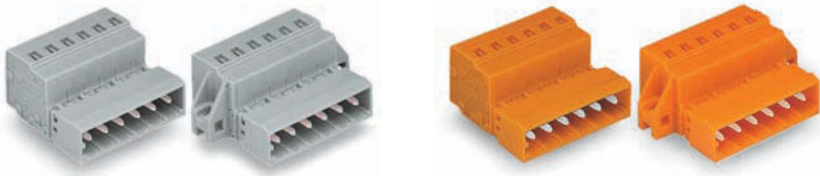
MULTI CONNECTION SYSTEM MIDI Classic

Male Connectors

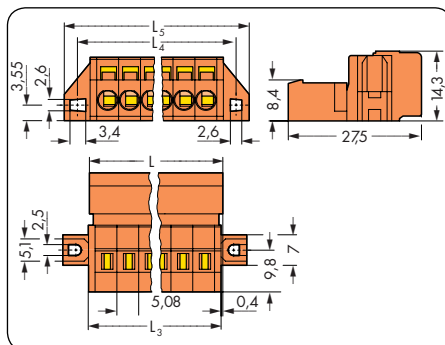
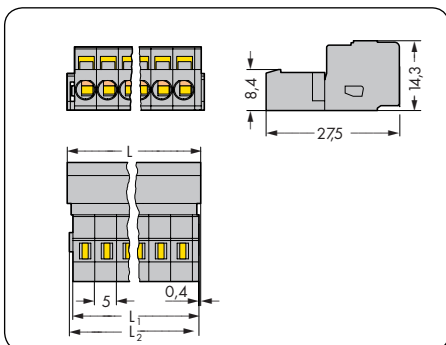
Pin Spacing 5 mm; 5.08 mm; 7.5 mm and 7.62 mm



<p>Pin spacing 5 mm/0.197 in, gray 0.08 - 2.5 mm² AWG 28 - 12* 320 V/4 kV/3, 12 A 300 V, 15 A </p> <p>Pin spacing 7.5 mm/0.295 in, gray 630 V/6 kV/3 300 V, 15 A </p> <p> 8 - 9 mm / 0.33 in ① Approvals</p>	<p>Pin spacing 5.08 mm/0.2 in, orange 0.08 - 2.5 mm² AWG 28 - 12* 320 V/4 kV/3, 12 A 300 V, 15 A </p> <p>Pin spacing 7.62 mm/0.3 in, orange 630 V/6 kV/3 300 V, 15 A </p> <p> 8 - 9 mm / 0.33 in ① Approvals</p>	<p>Accessories</p>
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Pole No.	Item No.	Pack.	Unit	Item No.	Pack.	Unit	Pole No.	Item No.	Pack.	Unit	Item No.	Pack.	Unit	Accessories, Series 231 and 731	Item No.
Male connector with CAGE CLAMP® and fixing flanges, for screw or similar mounting types, for vertical or horizontal mounting, gray				Male connector with CAGE CLAMP® and fixing flanges, for screw or similar mounting types, for vertical or horizontal mounting, orange								Marking strips, 100 self-adhesive strips			
Pin spacing 5 mm				Pin spacing 5.08 mm								Pin spacing 5 mm			
with fixing flanges				with fixing flanges								1 - 12 (300x) 210-331/500-103			
2	231-602	100	231-602/019-000	100	2	231-632	100	231-632/019-000	100	13 - 24 (300x)	210-331/500-104	Pin spacing 5.08 mm			
3	231-603	100	231-603/019-000	50	3	231-633	100	231-633/019-000	50	1 - 12 (200x)	210-331/508-103	13 - 24 (200x) 210-331/508-104			
4	231-604	100	231-604/019-000	50	4	231-634	100	231-634/019-000	50	Pin spacing 7.5 mm					
5	231-605	50	231-605/019-000	50	5	231-635	50	231-635/019-000	50	1 - 16 (100x) 210-331/750-202					
:	:	:	:	:	:	:	:	:	:	Pin spacing 7.62 mm					
12	231-612	25	231-612/019-000	25	12	231-642	25	231-642/019-000	25	1 - 16 (100x) 210-331/762-202					
:	:	:	:	:	:	:	:	:	:	Operating tool with partially insulated shaft, type 2, (3.5x0.5) mm blade					
21	231-621	10	231-621/019-000	10	21	231-651	10	231-651/019-000	10	210-720 1					
22	231-622	10	231-622/019-000	10	22	231-652	10	231-652/019-000	10	Coding key, snap-on type,					
23	231-623	10	231-623/019-000	10	23	231-653	10	231-653/019-000	10	5 mm and 5.08 mm pin spacing					
24	231-624	10	231-624/019-000	10	24	231-654	10	231-654/019-000	10	light gray 231-129 100					
Pin spacing 7.5 mm (pole no. - 1) + 5 mm				Pin spacing 7.62 mm (pole no. - 1) + 5.08 mm								7.5 mm and 7.62 mm pin spacing			
with fixing flanges				with fixing flanges								light gray 231-130 100			
2	731-602	100	731-602/019-000	50	2	731-632	100	731-632/019-000	50	Insulation stop, 5 pcs/strip					
3	731-603	100	731-603/019-000	50	3	731-633	100	731-633/019-000	50	5 mm and 5.08 mm pin spacing					
4	731-604	50	731-604/019-000	50	4	731-634	50	731-634/019-000	50	0.08-0.2mm ² ②					
5	731-605	50	731-605/019-000	50	5	731-635	50	731-635/019-000	50	white 231-670 200					
6	731-606	50	731-606/019-000	25	6	731-636	50	731-636/019-000	25	0.25-0.5 mm ²					
7	731-607	50	731-607/019-000	25	7	731-637	50	731-637/019-000	25	light gray 231-671 200					
8	731-608	25	731-608/019-000	25	8	731-638	25	731-638/019-000	25	0.75-1 mm ²					
9	731-609	25	731-609/019-000	25	9	731-639	25	731-639/019-000	25	dark gray 231-672 200					
10	731-610	25	731-610/019-000	25	10	731-640	25	731-640/019-000	25	7.5 mm and 7.62 mm pin spacing					
11	731-611	25	731-611/019-000	10	11	731-641	25	731-641/019-000	10	0.08-0.2mm ² ②					
12	731-612	25	731-612/019-000	10	12	731-642	25	731-642/019-000	10	white 231-673 200					
13	731-613	10	731-613/019-000	10					0.25-0.5 mm ²						
16	731-616	10	731-616/019-000	10					light gray 231-674 200						
												0.75-1 mm ²			
												dark gray 231-675 200			
												② 0.2 mm ² "sol." (0.14 mm ² "fst")			
Dimensions				L = (pole no. x pin spacing) + 3.2 mm L ₁ = L - 1.7 mm L ₂ = L - 1.2 mm								Tapping screw,			
				L ₃ = L - 0.2 mm L ₄ = L ₃ + 5.8 mm L ₅ = L ₃ + 11.8 mm								for 1.8 mm Ø mounting hole			
												B 2.2 x 9.5 mm 209-147 100			









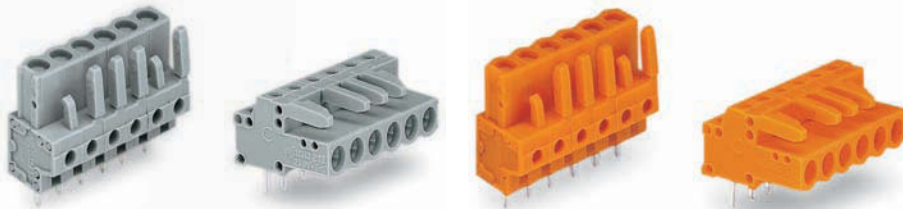
① Approvals are available online at: www.wago.com. * AWG 14: THHN, THWN
For technical explanations and abbreviations, see technical section.

MULTI CONNECTION SYSTEM MIDI Classic

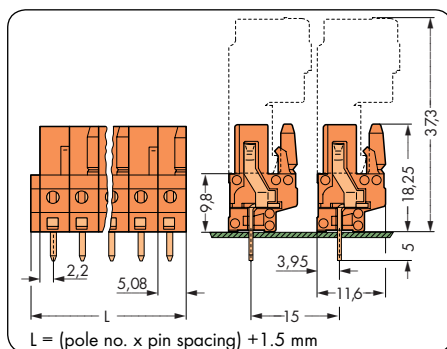
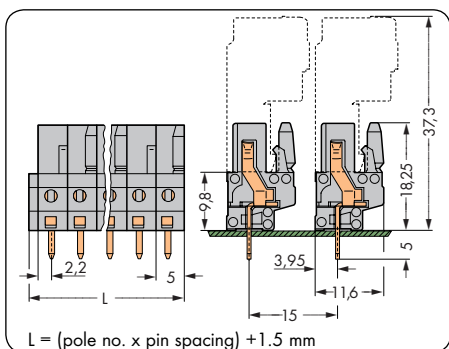
Female Headers with Solder Pins

Pin Spacing 5 mm; 5.08 mm; 7.5 mm and 7.62 mm

Pin spacing 5 mm/0.197 in, gray 320 V/4 kV/3 300 V, 15 A  I_N 12 A Pin spacing 7.5 mm/0.295 in, gray 630 V/6 kV/3 300 V, 15 A  I_N 12 A  Approvals	Pin spacing 5.08 mm/0.2 in, orange 320 V/4 kV/3 300 V, 15 A  I_N 12 A Pin spacing 7.62 mm/0.3 in, orange 630 V/6 kV/3 300 V, 15 A  I_N 12 A  Approvals	Accessories
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Pole No. Item No.	Item No. Pack. Unit	Pole No. Item No.	Item No. Pack. Unit	Accessories, 232 Series	Item No.
Female header with 0.6 x 1 mm solder pins, with coding fingers, with two latches, gray		Female header with 0.6 x 1 mm solder pins, with coding fingers, with two latches, orange		Marking strips, 100 self-adhesive strips	
Pin spacing 5 mm		Pin spacing 5.08 mm		Pin spacing 5 mm	
straight angled		straight angled		1-12 (300x) 210-331/500-103 13-24 (300x) 210-331/500-104	
● 2** 232-132	232-232 100	● 2** 232-162	232-262 100	Pin spacing 5.08 mm	
● 3** 232-133	232-233 100	● 3** 232-163	232-263 100	1-12 (200x) 210-331/508-103 13-24 (200x) 210-331/508-104	
● 4 232-134	232-234 100	● 4 232-164	232-264 100	Pin spacing 7.5 mm	
● 5 232-135	232-235 100	● 5 232-165	232-265 100	1-16 (100x) 210-331/750-202	
:	:	:	:	Pin Spacing 7.62 mm	
● 12 232-142	232-242 50	● 12 232-172	232-272 50	1-16 (100x) 210-331/762-202	
:	:	:	:	Test plug, with 500 mm cable,	
● 21 232-151	232-251 10	● 21 232-181	232-281 10	2 mm Ø, red 210-136 50 2.3 mm Ø, yellow 210-137 50	
● 22 232-152	232-252 10	● 22 232-182	232-282 10		
● 23 232-153	232-253 10	● 23 232-183	232-283 10		
● 24 232-154	232-254 10	● 24 232-184	232-284 10		
Pin spacing 7.5 mm (pole no - 1) x pin spacing + 5 mm + 1.5 mm		Pin spacing 7.62 mm (pole no - 1) x pin spacing + 5.08 mm + 1.5 mm			
straight angled		straight angled			
● 2** 232-732	232-832 100	● 2** 232-762	232-862 100		
● 3** 232-733	232-833 100	● 3** 232-763	232-863 100		
● 4 232-734	232-834 50	● 4 232-764	232-864 50		
● 5 232-735	232-835 50	● 5 232-765	232-865 50		
● 6 232-736	232-836 50	● 6 232-766	232-866 50		
● 7 232-737	232-837 50	● 7 232-767	232-867 50		
● 8 232-738	232-838 25	● 8 232-768	232-868 25		
● 9 232-739	232-839 25	● 9 232-769	232-869 25		
● 10 232-740	232-840 25	● 10 232-770	232-870 25		
● 11 232-741	232-841 25	● 11 232-771	232-871 25		
● 12 232-742	232-842 25	● 12 232-772	232-872 25		
● 13 232-743	232-843 10				
● 16 232-746	232-846 10				
**one latch only		**one latch only			
Dimensions					














Please find the entire product range in our Full Line Catalog, Volume 2. For more information, please visit www.wago.com.

MULTI CONNECTION SYSTEM MIDI Classic

Female Connectors

Pin Spacing 5 mm; 5.08 mm; 7.5 mm and 7.62 mm

<p>Pin spacing 5 mm/0.197 in, gray 0.08 - 2.5 mm² AWG 28 - 12* 320 V/4 kV/3, 16 A 300 V, 15 A  </p> <p>Pin spacing 7.5 mm/0.295 in, gray 630 V/6 kV/3 300 V, 15 A  </p> <p> 8 - 9 mm / 0.33 in</p> <p>1 Approvals</p>	<p>Pin spacing 5.08 mm/0.2 in, orange 0.08 - 2.5 mm² AWG 28 - 12* 320 V/4 kV/3, 16 A 300 V, 15 A  </p> <p>Pin spacing 7.62 mm/0.3 in, orange 630 V/6 kV/3 300 V, 15 A  </p> <p> 8 - 9 mm / 0.33 in</p> <p>1 Approvals</p>	<p>Pin spacing 5 mm/0.197 in, gray 0.2 - 2.5 mm² AWG 24 - 12* 320 V/4 kV/3 I_N 16 A</p> <p> 10 - 11 mm / 0.43 in</p> <p>1 Approvals</p>
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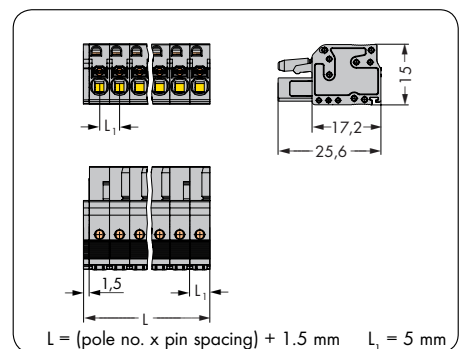
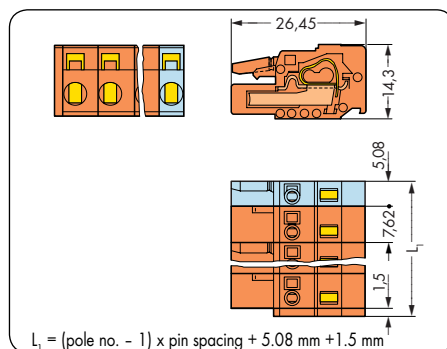
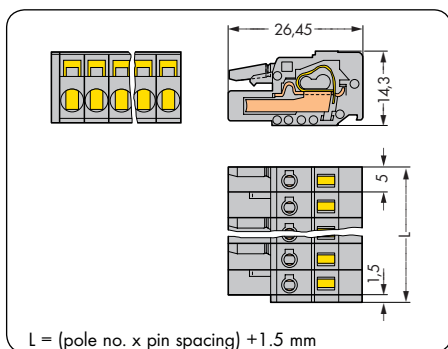
CAGE CLAMP®

CAGE CLAMP®S



Pole No.	Item No.	Pack. Unit	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Item No.	Pack. Unit
Female connector with CAGE CLAMP®, with coding fingers, with two latches, gray					Female connector with CAGE CLAMP®, with coding fingers, with two latches, orange					Female connector with CAGE CLAMP®S and integrated push-buttons, with coding fingers, with two latches				
Pin spacing 5 mm with locking levers					Pin spacing 5.08 mm with locking levers					Pin spacing 5 mm gray		Pin spacing 5.08 mm orange		
2**	231-102/026-000	100	231-102/037-000	100	2**	231-302/026-000	100	231-302/037-000	100	2**	2231-102/026-000	100	2231-302/026-000	100
3**	231-103/026-000	100	231-103/037-000	50	3**	231-303/026-000	100	231-303/037-000	50	3**	2231-103/026-000	100	2231-303/026-000	100
4	231-104/026-000	100	231-104/037-000	50	4	231-304/026-000	100	231-304/037-000	50	4	2231-104/026-000	100	2231-304/026-000	100
5	231-105/026-000	100	231-105/037-000	50	5	231-305/026-000	100	231-305/037-000	50	5	2231-105/026-000	100	2231-305/026-000	100
:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
12	231-112/026-000	25	231-112/037-000	25	12	231-312/026-000	25	231-312/037-000	25	12	2231-112/026-000	50	2231-312/026-000	50
:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
21	231-121/026-000	10	231-121/037-000	10	21	231-321/026-000	10	231-321/037-000	10	21	2231-121/026-000	10	2231-321/026-000	10
22	231-122/026-000	10	231-122/037-000	10	22	231-322/026-000	10	231-322/037-000	10	22	2231-122/026-000	10	2231-322/026-000	10
23	231-123/026-000	10	231-123/037-000	10	23	231-323/026-000	10	231-323/037-000	10	23	2231-123/026-000	10	2231-323/026-000	10
24	231-124/026-000	10	231-124/037-000	10	24	231-324/026-000	10	231-324/037-000	10	24	2231-124/026-000	10	2231-324/026-000	10
Pin spacing 7.5 mm (pole no. - 1) + 5 mm with locking levers					Pin spacing 7.62 mm (pole no. - 1) + 5.08 mm with locking levers					Pin spacing 7.5 mm gray		Pin Spacing 7.62 mm orange		
2**	231-202/026-000	100	231-202/037-000	50	2**	231-702/026-000	100	231-702/037-000	50	2**	2231-202/026-000	100	2231-702/026-000	100
3**	231-203/026-000	100	231-203/037-000	50	3**	231-703/026-000	100	231-703/037-000	50	3**	2231-203/026-000	100	2231-703/026-000	100
4	231-204/026-000	50	231-204/037-000	50	4	231-704/026-000	50	231-704/037-000	50	4	2231-204/026-000	50	2231-704/026-000	50
5	231-205/026-000	50	231-205/037-000	50	5	231-705/026-000	50	231-705/037-000	50	5	2231-205/026-000	50	2231-705/026-000	50
6	231-206/026-000	50	231-206/037-000	25	6	231-706/026-000	50	231-706/037-000	25	6	2231-206/026-000	50	2231-706/026-000	50
7	231-207/026-000	50	231-207/037-000	25	7	231-707/026-000	50	231-707/037-000	25	7	2231-207/026-000	50	2231-707/026-000	50
8	231-208/026-000	25	231-208/037-000	25	8	231-708/026-000	25	231-708/037-000	25	8	2231-208/026-000	25	2231-708/026-000	25
9	231-209/026-000	25	231-209/037-000	25	9	231-709/026-000	25	231-709/037-000	25	:	:	:	:	:
10	231-210/026-000	25	231-210/037-000	25	10	231-710/026-000	25	231-710/037-000	25	12	2231-212/026-000	25	2231-712/026-000	25
11	231-211/026-000	25	231-211/037-000	10	11	231-711/026-000	10	231-711/037-000	10	13	2231-213/026-000	10		
12	231-212/026-000	25	231-212/037-000	10	12	231-712/026-000	10	231-712/037-000	10	16	2231-216/026-000	10		
13	231-213/026-000	10	231-213/037-000	10										
16	231-216/026-000	10	231-216/037-000	10										
** one latch only					** one latch only					** one latch only				

Dimensions





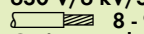


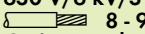
1 Approvals are available online at: www.wago.com. * AWG 12: THHN, THWN
For technical explanations and abbreviations, see technical section.

MULTI CONNECTION SYSTEM MIDI Classic

Female Connectors with Snap-In Mounting Feet

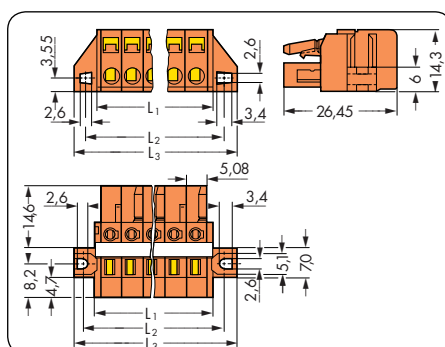
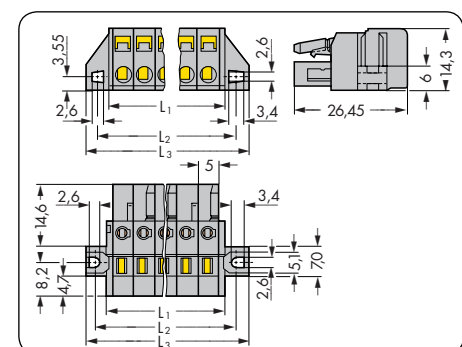
Pin Spacing 5 mm; 5.08 mm; 7.5 mm and 7.62 mm

CAGE CLAMP®

<p>Pin spacing 5 mm/0.197 in, gray 0.08 - 2.5 mm² AWG 28 - 12* 320 V/4 kV/3, 16 A 300 V, 15 A </p> <p>Pin spacing 7.5 mm/0.295 in, gray 630 V/6 kV/3 300 V, 15 A </p> <p> 8 - 9 mm / 0.33 in ① Approvals</p>	<p>Pin spacing 5.08 mm/0.2 in, orange 0.08 - 2.5 mm² AWG 28 - 12* 320 V/4 kV/3, 16 A 300 V, 15 A </p> <p>Pin spacing 7.62 mm/0.3 in, orange 630 V/6 kV/3 300 V, 15 A </p> <p> 8 - 9 mm / 0.33 in ① Approvals</p>	<p>Accessories</p>
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Pole No.	Item No.	Pack.	Unit	Item No.	Pack.	Unit	Pole No.	Item No.	Pack.	Unit	Item No.	Pack.	Unit	Accessories, 231 and 231 Series	Item No.
Female connector with CAGE CLAMP® and fixing flanges for panel mounting,						Female connector with CAGE CLAMP® and fixing flanges for panel mounting,						Marking strips, 100 self-adhesive strips			
with coding fingers, with two latches, for screw or similar mounting types, gray						with coding fingers, with two latches, for screw or similar mounting types, orange						Pin spacing 5 mm			
and snap-in mounting feet, for 0.6 - 1.2 mm plate thickness, 3.5 mm Ø mounting holes, or with 209-137 mounting adapter for DIN 35 rail						and snap-in mounting feet, for 0.6 - 1.2 mm plate thickness, 3.5 mm Ø mounting holes, or with 209-137 mounting adapter for DIN 35 rail						1 - 12 (300x) 210-331/500-103			
Pin spacing 5 mm						Pin spacing 5.08 mm						13 - 24 (300x) 210-331/500-104			
with fixing flanges						with snap-in mounting feet						Pin spacing 5.08 mm			
● 2** 231-102/031-000 100 231-102/008-000 100						● 2** 231-302/031-000 100 231-302/008-000 100						1 - 12 (200x) 210-331/508-103			
● 3** 231-103/031-000 50 231-103/008-000 100						● 3** 231-303/031-000 50 231-303/008-000 100						13 - 24 (200x) 210-331/508-104			
● 4 231-104/031-000 50 231-104/008-000 100						● 4 231-304/031-000 50 231-304/008-000 100						Pin spacing 7.5 mm			
● 5 231-105/031-000 50 231-105/008-000 100						● 5 231-305/031-000 50 231-305/008-000 100						1 - 16 (100x) 210-331/750-202			
:						:						Pin Spacing 7.62 mm			
:						:						1 - 16 (100x) 210-331/762-202			
● 12 231-112/031-000 25 231-112/008-000 25						● 12 231-312/031-000 25 231-312/008-000 25						Insulation stop, 5 pcs/strip,			
:						:						5 mm and 5.08 mm pin spacing			
● 22 231-122/031-000 10 231-122/008-000 10						● 22 231-322/031-000 10 231-322/008-000 10						0.08 - 0.2mm ² ②			
● 23 231-123/031-000 10 231-123/008-000 10						● 23 231-323/031-000 10 231-323/008-000 10						white 231-670 200			
● 24 231-124/031-000 10 231-124/008-000 10						● 24 231-324/031-000 10 231-324/008-000 10						0.25 - 0.5 mm ²			
Pin spacing 7.5 mm (pole no. - 1) + 5 mm						Pin spacing 7.62 mm (pole no. - 1) + 5.08 mm						light gray 231-671 200			
with fixing flanges						with snap-in mounting feet						0.75 - 1 mm ²			
● 2** 231-203/031-000 50 231-203/008-000 100						● 2** 231-702/031-000 50 231-702/008-000 100						dark gray 231-672 200			
● 3** 231-204/031-000 50 231-204/008-000 50						● 3** 231-703/031-000 50 231-703/008-000 100						7.5 mm and 7.62 mm pin spacing			
● 4 231-205/031-000 50 231-205/008-000 50						● 4 231-704/031-000 50 231-704/008-000 50						0.08 - 0.2mm ² ②			
● 5 231-206/031-000 25 231-206/008-000 50						● 5 231-705/031-000 50 231-705/008-000 50						white 231-673 200			
● 6 231-207/031-000 25 231-207/008-000 50						● 6 231-706/031-000 25 231-706/008-000 50						0.25 - 0.5 mm ²			
● 7 231-208/031-000 25 231-208/008-000 25						● 7 231-707/031-000 25 231-707/008-000 50						light gray 231-674 200			
:						:						0.75 - 1 mm ²			
:						:						dark gray 231-675 200			
● 16 231-216/031-000 10 231-216/008-000 10						● 12 231-712/031-000 10 231-712/008-000 25						② 0.2 mm ² "sol." (0.14 mm ² "f-st")			
** one latch only						** one latch only						Test plug, with 500 mm cable,			
Dimensions						$L_1 = (\text{pole no.} \times \text{pin spacing}) + 3 \text{ mm}$						2 mm Ø, red 210-136 50			
						$L_2 = (\text{pole no.} \times \text{pin spacing}) + 8.8 \text{ mm}$						2.3 mm Ø, yellow 210-137 50			
						$L_3 = (\text{pole no.} \times \text{pin spacing}) + 14.8 \text{ mm}$						Mounting adapter, for DIN 35 rail,			
												3 or more poles			
												gray 209-137 1			
												Tapping screw,			
												for 1.8 mm Ø mounting hole			
												B 2.2 x 9.5			
												209-147 100			
												Operating tool with partially insulated shaft,			
												type 2, (3.5x0.5) mm blade			
												210-720 1			



Please find the entire product range in our Full Line Catalog, Volume 2. For more information, please visit www.wago.com.

MULTI CONNECTION SYSTEM MIDI Classic

Angled Female Connectors for Panel Mounting



Pin Spacing 5 mm and 7.5 mm, Multi Mounting Adapter, Test Plug Adapters

Pin spacing 5 mm/0.197 in, gray
 0.08 - 2.5 mm² | AWG 28 - 12*
 320 V/4 kV/3, 12 A | 300 V, 15 A

Pin spacing 7.5 mm/0.295 in, gray
 630 V/6 kV/3 | 300 V, 15 A

8 - 9 mm / 0.33 in
 1 Approvals

Multi mounting adapter
 for male and female connectors
 with snap-in mounting feet

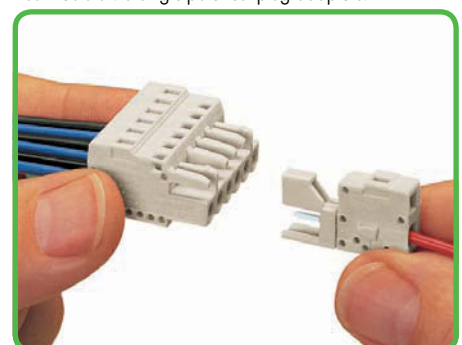
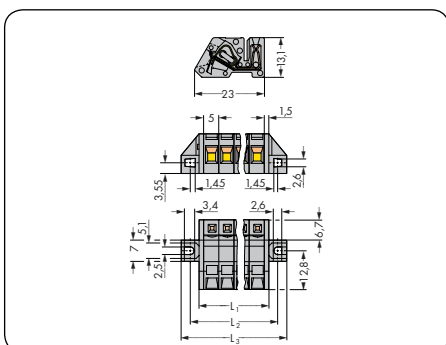
Adapter width 10 mm/0.394 in

Test plug adapter for female connectors
 Pin spacing 5 mm; 5.08 mm; 7.5 mm and 7.62 mm
 0.08 - 2.5 mm² | AWG 28 - 12
 320 V/4 kV/3 | 300 V, 15 A

8 - 9 mm / 0.33 in
 1 Approvals



Pole No.	Item No.	Pack. Unit	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Item No.	Pack. Unit										
Angled female connector with CAGE CLAMP® and fixing flanges for panel mounting, for screw or similar mounting types, gray and snap-in mounting feet, for 0.6 - 1.2 mm plate thickness, 3.5 mm Ø mounting holes					Multi mounting adapter					Test plug adapter for female connector, with CAGE CLAMP® connection									
					gray	209-148	25	0.08-2.5 mm ² (AWG 28-14), light gray											
										5 mm and 5.08 mm pin spacing 231-661 100									
										7.5 mm and 7.62 mm pin spacing 231-662 100									
Pin spacing 5 mm										Accessories, 731 Series									
with fixing flanges					with snap-in mounting feet					Test plug, with 500 mm cable,									
2	731-502/031-000	100	731-502/008-000	100	<p>If either the male or the female connector is equipped with mounting feet and mounted on the adapter via its oblong holes or open grooves (A/B), but the mating half is not, then the connection remains pluggable.</p>					2 mm Ø, red 210-136 50									
3	731-503/031-000	50	731-503/008-000	50						2.3 mm Ø, yellow 210-137 50									
4	731-504/031-000	50	731-504/008-000	50						Operating lever, for male and female connectors with CAGE CLAMP® 231-131 25									
5	731-505/031-000	50	731-505/008-000	50						Screw with nut, M 2 x 12, for fixing element 231-195 100									
:	:	:	:	:						<p>The adapter can be marked either with WMB or miniature WSB markers. For marking accessories, see Section 6.</p>					Operating tool with partially insulated shaft, type 2, (3.5x0.5) mm blade 210-720 1				
12	731-512/031-000	25	731-512/008-000	25											Marking strips, 100 self-adhesive strips				
17	731-517/031-000	10	731-517/008-000	25											Spacing 5 mm				
18	731-518/031-000	10	731-518/008-000	25											1 - 12 (300x) 210-331/0500-0103				
19	731-519/031-000	10	731-519/008-000	10											13 - 24 (300x) 210-331/0500-0104				
20	731-520/031-000	10	731-520/008-000	10						Spacing 7.5 mm									
										1 - 16 (100x) 210-331/0750-0202									
Pin spacing 7.5 mm (pole no. - 1) + 5 mm																			
with fixing flanges					with snap-in mounting feet														
2	731-532/031-000	50	731-532/008-000	100															
3	731-533/031-000	50	731-533/008-000	50															
4	731-534/031-000	50	731-534/008-000	50															
5	731-535/031-000	50	731-535/008-000	50															
6	731-536/031-000	25	731-536/008-000	50															
7	731-537/031-000	25	731-537/008-000	50															
:	:	:	:	:															
10	731-540/031-000	25	731-540/008-000	25															
11	731-541/031-000	10	731-541/008-000	25															
12	731-542/031-000	10	731-542/008-000	10															
13	731-543/031-000	10	731-543/008-000	10															
16	731-546/031-000	10	731-546/008-000	10															
Dimensions (see also page 103)																			



1 Approvals are available online at: www.wago.com. For technical explanations and abbreviations, see technical section.

* AWG 12: THHN, THWN