MULTI CONNECTION SYSTEM MAXI

Headers with Solder Pins, 100 % Protected against Mismating, Pin Spacing 7.62 mm / 0.3 in

* 91 @

Pin spacing 7.62 mm/0.3 in, light grey 500 V/6 kV/3 | 300/600 V, 42/5 A % 300/600 V, 50/5 A ®

Pin spacing 7.62 mm/0.3 in, light grey 500 V/6 kV/3 | 300/600 V, 42/5 A 71 | 300/600 V, 50/5 A 6

* 91/0







No. of poles	ltem No.	No. of poles	Item No.		
Headers with straight solder pins,		Headers with rig	Headers with right angle solder pins,		
100 % protected	against mismating,	100 % protected	against mismating,		
light grey,		light grey,	light grey,		
3 x solder pins	1 mm x 1.2 mm	3 x solder pins	1 mm x 1.2 mm		
2	831-3602	2	831-3622		
3	831-3603	3	831-3623		
4	831-3604	4	831-3624		
5	831-3605	5	831-3625		
6	831-3606	6	831-3626		
7	831-3607	7	831-3627		
8	831-3608	8	831-3628		
Note:					



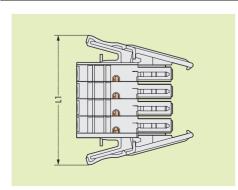
Break or cut-off coding pin on the female connector \ldots

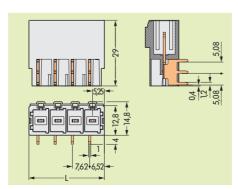
On request, headers with straight solder pins are also available with protection against positioning error on the PCB



 \ldots . Fit the coding pin into the connector (break first) so that the pin engages

Dimensions (in mm) Diameter of drilled hole: $1.7^{+0.1}$ mm L = (No. of poles - 1) x pin spacing + 10.5 mm







Printed female connector on request



^{*}Further approvals with corresponding ratings can be found at www.wago.com

MULTI CONNECTION SYSTEM MAXI

Male Connectors, 100 % Protected against Mismating, Pin Spacing 7.62 mm / 0.3 in



Pin spacing 7.62 mm/0.3 in, light grey 0.5 - 6 (10) mm² 0 | AWG 20 - 8 | 300/600 V, 42/5 A 94 | 300/600 V, 50/5 A ®

Pin spacing 7.62 mm/0.3 in, light grey 0.5 - 6 (10) mm² 0 | AWG 20 - 8 800 V/8 kV/3 | 300/600 V, 42/5 A 94 300/600 V, 50/5 A 6

* **71** @

* 91 @





can be connected:
0.5 mm² – 10 mm² "s + f-st";
can be pushed in directly: 1.5 mm² – 10 mm² "s" and
1.5 mm² – 6 mm² "insulated ferrule, 12 mm/0.472 in"

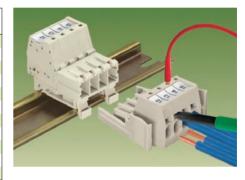
No. of poles	ltem No.	No. of poles	ltem No.		
Male conn	Male connectors with CAGE CLAMP®S connection,		Male connectors with CAGE CLAMP®S connection,		
100 % pro	100 % protected against mismating,		for DIN 35 rail mounting		
with coding	with coding fingers, light grey		100 % protected against mismating,		
		with coding fingers, light grey			
2	831-3202	2	831-3202/007-000		
3	831-3203	3	831-3203/007-000		
4	831-3204	4	831-3204/007-000		
5	831-3205	5	831-3205/007-000		
6	831-3206	6	831-3206/007-000		
7	831-3207	7	831-3207/007-000		
8	831-3208	8	831-3208/007-000		



Dimensions (in mm)

Accessories								
Test plug, with cable 500 mm/1'7.7"			Test plug, with cable 500 mm/1'7.7"					
	Ø 2 mm/	/0.079 in, red		Ø 2 mm/	0.079 in, red			
	210-136	5		210-136	5			
Marker card,	80 self-a	dhesive strips per card	Marker card,	80 self-a	dhesive strips per card			
	Height of	marker strip		Height of	Height of marker strip			
	5 mm/0.	197 in		5 mm/0.	5 mm / 0.197 in			
	Marking			Marking	Marking			
1 – 16 (100 x)	210-334	1/0762-0202	1 – 16 (100 x)	210-334	/0762-0202			
For direct printing,	please conto	act factory	For direct printing,	please conto	ct factory			
Marker strip, whit	te, plain, on	roll	Marker strip, whi	te, plain, on i	·oll			
	for cente	r marking		for cente	r marking			
	11 mm/(0.039 in wide		11 mm/0	1.039 in wide			
	50 m	2009-110		50 m	2009-110			
	300 m	2009-130		300 m	2009-130			
DIN 35 carrier ra	DIN 35 carrier rail adapter, for snap-fit mounting			Screwdriver with partially insulated shaft,				
10/	to male o	connectors with		(5.5×0.8)) mm/(0.217 x 0.031) in			
	CAGE CLAMP®S connection			210-621	210-621			
	831-137	7						

 $L = (No. of poles - 1) \times pin spacing + 9.5 mm$

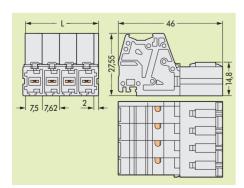


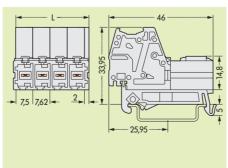
The new WAGO MULTI CONNECTION SYSTEM MAXI can be used as "high-power" sub-assemblies on carrier rails or printed circuit boards in such applications like drive technology, converters or power supply units.

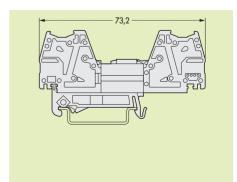
Equipped with CAGE CLAMP® S connection up to AWG 10/ AWG 8 (6 mm²/10 mm²) **1**, it handles a rated current of 41 A and has a pin spacing of 7.62 mm/0.3 in, which makes it ideally suited for such applications.

Product features

- 100 % protected against mismating
- · Coding without the loss of poles
- Male and female connectors with CAGE CLAMP®S connection for all conductor types Additional benefit: Time-saving push-in wiring of fine-stranded wires with ferrules
- Vibration proof fast maintenance free
- Male and female connectors with separate test slot for test plugs Ø 2.3 mm/0.091 in
- · Pole marking using marker strips or direct







^{*} Further approvals with corresponding ratings can be found at www.wago.com

MULTI CONNECTION SYSTEM MAXI

Female Connectors, 100 % Protected against Mismating, Pin Spacing 7.62 mm / 0.3 in



Pin spacing 7.62 mm/0.3 in, light grey 0.5 - 6 (10) mm² 0 | AWG 20 - 8 | 300/600 V, 42/5 A SN | 1_N 41 A | 300/600 V, 50/5 A @

* 91 @

Pin spacing 7.62 mm/0.3 in, light grey 0.5 - 6 (10) mm²0 | AWG 20 - 8 | 300/600 V, 42/5 A 94 | 300/600 V, 50/5 A ®

* 91/ @







① can be connected: 0.5 mm² - 10 mm² "s + f-st"; can be pushed in directly: 1.5 mm² - 10 mm² "s" and 1.5 mm² - 6 mm² "insulated ferrule, 12 mm/0.472 in"

No. of poles	ltem No.	No. of poles	ltem No.	
Female connector	rs with CAGE CLAMP®S connection	, Female connector	rs with CAGE CLA	MP®S connection
100 % protected	against mismating,	and locking devi	ice,	
with coding fingers	s, light grey	100 % protected	100% protected against mismating,	
		with coding finger	s, light grey	
2	831-3102	2	831-3102/03	37-000
3	831-3103	3	831-3103/03	37-000
4	831-3104	4	831-3104/03	37-000
5	831-3105	5	831-3105/03	37-000
6	831-3106	6	831-3106/03	37-000
7	831-3107	7	831-3107/03	
8	831-3108	8	831-3108/03	37-000
Accessories				
Test plug, with cal		Test plug, with ca		
	2 mm/0.079 in Ø, red		2 mm/0.079 in	Ø, red
	210-136		210-136	
Marker card,		Marker card,	Marker card,	
	80 self-adhesive strips per card			e strips per card
El#/21.1.1	Height of marker strip 5 mm/0197 i	n	Height of marker strip 5 mm/0197 in	
	Marking		Marking	
1 – 16 (100 x)	210-334/0762-0202	1 – 16 (100 x)	210-334/076	
For direct printing, please contact factory		· · · ·	For direct printing, please contact factory	
Marker strip, whi		Marker strip, whi	Marker strip, white, plain, on roll	
	for center marking	for center marking		•
	11 mm / 0.039 in wide		11 mm / 0.039	
	50 m 2009-110			09-110
	300 m 2009-130		300 m 20	09-130
Screwdriver with	partially insulated shaft,	Screwdriver with	n partially insulat	•
	$(5.5 \times 0.8) \text{ mm} / (0.217 \times 0.031) \text{ in}$			/(0.217 x 0.031) in
	210-621		210-621	

