MULTI CONNECTION SYSTEM

– Product Overview –



WAGO®

The Complete Range of MCS Connectors – MU

MICRO

Pin spacing: 2.5 mm
Conductor sizes 0.08 mm² – 1.5 mm²

The **"most compact"** MCS connector with CAGE CLAMP® termination.

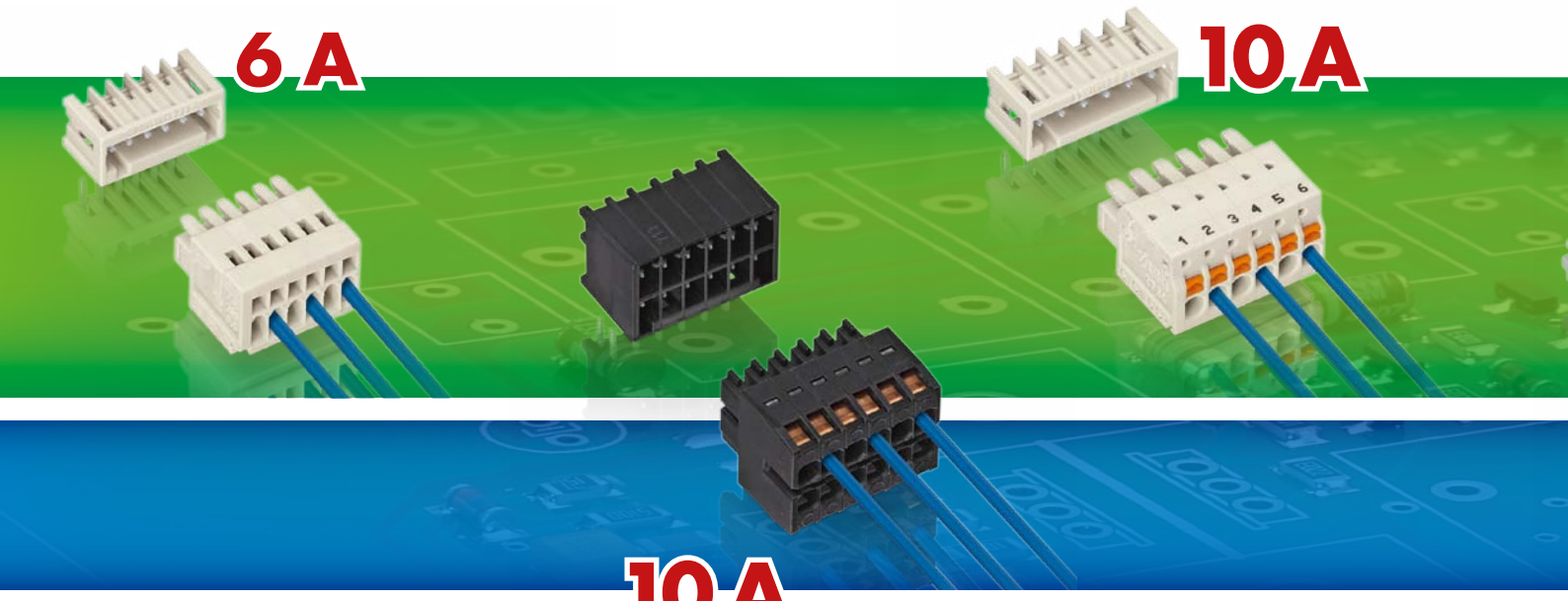
- 100% protected against mismating
- "Wire-to-wire" and "wire-to-board" connections
- Custom coding options
- The polyamide insulating material allows rated voltage up to 320 V for pin spacing as low as 2.5 mm
- THR (Through-Hole Reflow) versions

MINI

Pin spacing: 3.5 mm, 3.81 mm
Conductor sizes: 0.08 mm² – 1.5 mm²

The **"compact"** MCS connector range with CAGE CLAMP® or CAGE CLAMP®S termination.

- 100% protected against mismating
- "Wire-to-board," "wire-to-wire," "board-to-board" and "board-to-wire" connections
- Custom coding options
- Versions available with integrated push-buttons
- THR (Through-Hole Reflow) versions
- Also available in Press-In Technology



MINI HD

Pin spacing: 3.5mm
Conductor sizes: 0.08 mm² – 1.5 mm²

The **"2-row"** MCS MINI system with CAGE CLAMP® termination:

- 100% protected against mismating
- High density "wire-to-board" connections in the smallest spaces via 2-row pole arrangement
- Custom coding options
- External operating slots are easily accessible – even when wired
- Strain relief plates are available for mounting in center position

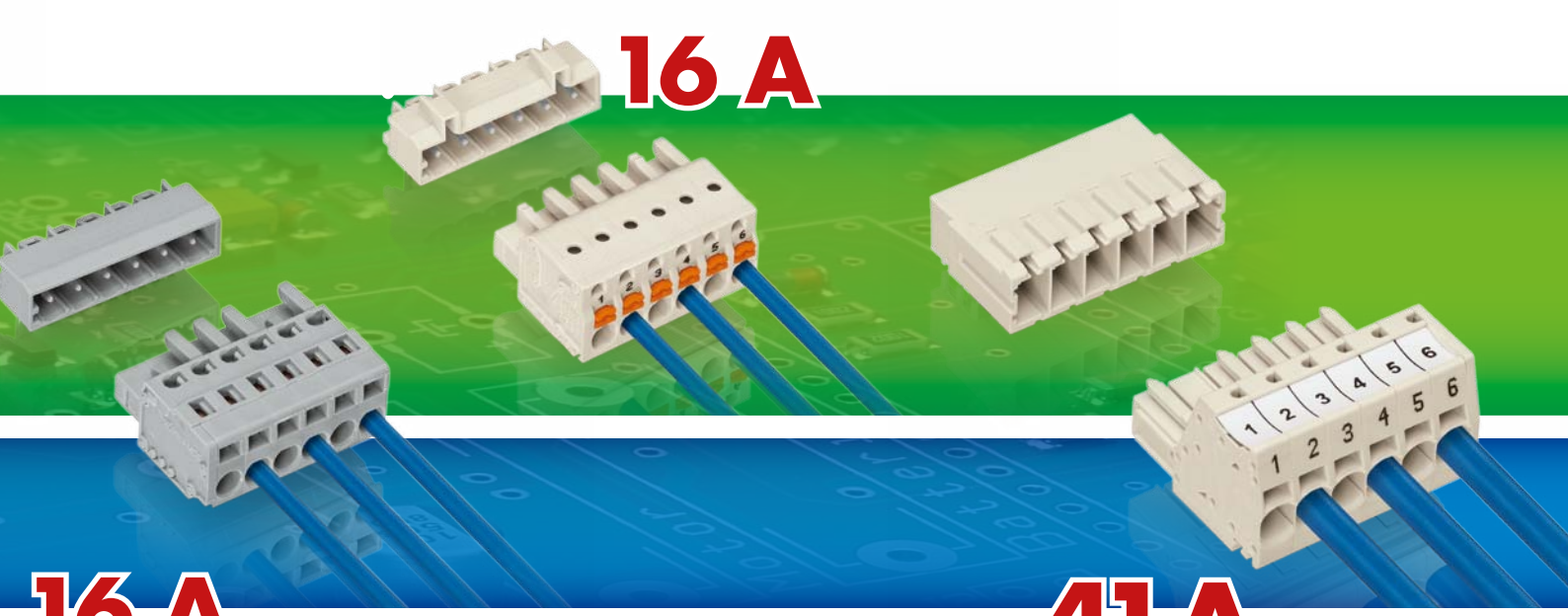
LTI CONNECTION SYSTEM

MIDI

Pin spacing: 5 mm, 7.5 mm
Conductor sizes: 0.08 mm² – 2.5 mm²

The **"compact"** MCS connector range
with CAGE CLAMP® or CAGE CLAMP®S termination:

- 100% protected against mismating
- "Wire-to-board," "wire-to-wire," "board-to-board" and "board-to-wire" connections
- Custom coding options
- Long pins for rail-mount terminal block connection
- Versions available with integrated push-buttons
- Also available in Press-In Technology



16 A

MIDI Classic

Pin spacing: 5.08 mm, 7.5 mm, 7.62 mm
Conductor sizes: 0.08 mm² – 2.5 mm²

The **"classic"** MCS MIDI version
with CAGE CLAMP® or CAGE CLAMP®S termination:

- Group arrangement of female connectors in a single header without loss of pin spacing
- "Wire-to-board," "wire-to-wire," "board-to-board" and "board-to-wire" connections
- Custom coding options
- Long pins for rail-mount terminal block connection
- Versions available with integrated push-buttons
- THR (Through-Hole Reflow) versions

41 A

MAXI

Pin spacing: 7.62 mm
Conductor sizes: 0.5 mm² – 10 mm²

The **"high-current"** MCS connector range
with CAGE CLAMP® S termination:

- 100% protected against mismating
- "Wire-to-wire" and "wire-to-board" connections
- Custom coding options
- 600 V per UL 1059 for headers and female connectors with conductor termination

MCS – MULTI CONNECTION SYSTEM

MICRO 2.5 mm

Female connectors, 733 Series



CAGE CLAMP®

0.08 – **0.5 mm²** / AWG 28 – **20**

733-106

Female connectors with locking levers, 733 Series



CAGE CLAMP®

0.08 – **0.5 mm²** / AWG 28 – **20**

733-106/037-000

Male headers with solder pins, 733 Series



733-336

Male headers, 733 Series



733-336/100-000

Male headers with solder pins, 733 Series

THR



733-336/105-604

Male connectors, 733 Series



CAGE CLAMP®

0.08 – **0.5 mm²** / AWG 28 – **20**

733-206

3.5 mm, 3.81 mm MINI 100 % protection against mismating

Female connectors, 734 Series



CAGE CLAMP®

0.08 – **1.5 mm²** / AWG 28 – **14**

734-106

Female connectors with snap-in mounting feet, 734 Series



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-106/008-000

Female connectors with push-buttons and fixing flanges, 2734 Series



CAGE CLAMP® S

0.2 – **1.5 mm²** / AWG 24 – **14**

2734-106/031-000

Male headers with solder pins, 734 Series



734-136

Double-deck male headers with solder pins, 734 Series



734-406

Male connectors, 734 Series



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-306

Male connectors with snap-in mounting feet, 734 Series



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-306/018-000

Combi strips 734 Series

3.5



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-364

Female connectors with locking levers, 734 Series



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-106/037-000

Female connectors with push-buttons, 2734 Series



CAGE CLAMP® S

0.2 – **1.5 mm²** / AWG 24 – **14**

2734-106

Female connectors with push-buttons and screw flanges, 2734 Series

3.5



CAGE CLAMP® S

0.2 – **1.5 mm²** / AWG 24 – **14**

2734-106/107-000

Male headers with solder pins and threaded flanges, 734 Series

3.5



734-136/108-000

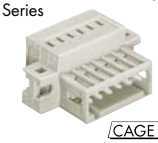
Male headers with solder pins, 734 Series

THR



734-135/105-604

Male connectors with fixing flanges, 734 Series



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-306/019-000

Female headers with solder pins, 734 Series



734-466

Combi strips with snap-in mounting feet, 734 Series

3.5



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-366/008-000

Female connectors with screw flanges, 734 Series



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-106/107-000

Male connectors, 734 Series



734-136/100-000

Male connectors with threaded flanges, 734 Series

3.5



CAGE CLAMP®

0.08 - **1.5 mm²** / AWG 28 – **14**

734-306/109-000

Female headers with solder pins and locking levers, 734 Series



734-466/037-00

MINI HD 3.5 mm

Female connectors, 713 Series



CAGE CLAMP®

0.08 – **1.5 mm²** / AWG 28 –**16**

713-1108

Female Connectors with Levers, 713 Series



CAGE CLAMP®

0.08 – **1.5 mm²** / AWG 28 –**16**

713-1108/037-000

Female connectors with screw flanges, 713 Series



CAGE CLAMP®

0.08 – **1.5 mm²** / AWG 28 –**16**

713-1108/107-000

Male headers with solder pins, 713 Series

THR



713-1408

Male headers with solder pins and separators, 713 Series

THR



713-1408/037-000

Male headers with solder pins and threaded flanges, 713 Series

THR



713-1408/107-000

Press-In Technology

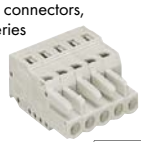
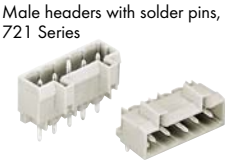
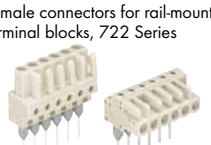
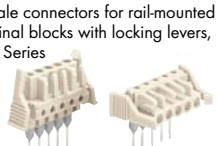
THR Through-Hole Reflow Soldering

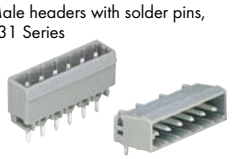
Only available in this pin spacing

100% protected against mismating

– Product Overview Sorted by Pin Spacing –

5 mm MIDI 100 % protected against mismating

Female connectors, 721 Series  CAGE CLAMP®	Female connectors with locking levers, 721 Series  CAGE CLAMP®	Female connectors with fixing flanges, 721 Series  CAGE CLAMP®	Female connectors with snap-in mounting feet, 721 Series  CAGE CLAMP®
0.08 – **2.5 mm²** / AWG 28 – **12** **721-105/026-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-105/037-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-105/031-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-105/008-000**
Angled female connectors, 722 Series  CAGE CLAMP®	Female connectors with fixing flanges for panel mounting, 721 Series  CAGE CLAMP®	Female connectors with snap-in mounting feet for panel mounting, 721 Series  CAGE CLAMP®	
0.08 – **2.5 mm²** / AWG 28 – **12** **722-205/026-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-305/031-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-305/008-000**	
Female connectors with push-buttons, 2721 Series  CAGE CLAMP®S	Female connectors with push-buttons and snap-in mounting feet, 2721 Series  CAGE CLAMP®S	Female connectors with push-buttons and locking levers, 2721 Series  CAGE CLAMP®S	Female connectors with push-buttons and fixing flanges, 2721 Series  CAGE CLAMP®S
0.2 – **2.5 (4) mm²** / AWG 24 – **12** **2721-106/026-000**	0.2 – **2.5 (4) mm²** / AWG 24 – **12** **2721-106/008-000**	0.2 – **2.5 (4) mm²** / AWG 24 – **12** **2721-106/037-000**	0.2 – **2.5 (4) mm²** / AWG 24 – **12** **2721-106/031-000**
2-conductor female connectors, 721 Series  CAGE CLAMP®S	2-conductor female connectors with locking levers, 721 Series  CAGE CLAMP®S		
0.2 – **2.5 (4) mm²** / AWG 24 – **12** **721-2106/026-000**	0.2 – **2.5 (4) mm²** / AWG 24 – **12** **721-2106/037-000**		
Male headers with solder pins, 721 Series  **721-135/001-000**	Male headers, 721 Series  **721-166/100-000**		
Male connectors, 721 Series  CAGE CLAMP®	Male connectors with snap-in mounting feet, 721 Series  CAGE CLAMP®	Male connectors with fixing flanges, 721 Series  CAGE CLAMP®	Male Connectors with Snap-In Flanges, 721 Series  CAGE CLAMP®
0.08 – **2.5 mm²** / AWG 28 – **12** **721-605**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-605/018-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-605/019-000**	0.08 – **2.5 mm²** / AWG 28 – **12** **721-606/114-000**
Female headers with solder pins, 722 Series  **722-135**	Female headers with solder pins and locking levers, 722 Series  **722-135/039-000**	Female headers with solder pins and fixing flanges, 722 Series  **722-135/031-000**	Female headers with solder pins and spacers, 722 Series  **722-135/047-000**
Male connectors for rail-mounted terminal blocks. 721 Series  **721-166/003-000**	Female connectors for rail-mounted terminal blocks, 722 Series  **722-136/005-000**	Female connectors for rail-mounted terminal blocks with locking levers, 722 Series  **722-136/005-000/039-000**	

Female connectors, 231 Series  CAGE CLAMP®	Female connector end plate, 231 Series 
0.08 – **2.5 mm²** / AWG 28 – **12** **231-106/026-000**	0.08 – **2.5 mm²** **231-106/102-0**
Angled female connectors, 232 Series  CAGE CLAMP®	Female connectors flanges, 231 Serie 
0.08 – **2.5 mm²** / AWG 28 – **12** **232-106/026-000**	0.08 – **2.5 mm²** **231-306/107-0**
Female connectors with push-buttons, 2231 Series  CAGE CLAMP®S	Female connector buttons and integ 2231 Series 
0.2 – **2.5 (4) mm²** / AWG 24 – **12** **2231-106/026-000**	0.2 – **2.5 (4) mm** **2231-106/102-**
Female connectors with push-buttons and screw flanges, 2231 Series 5.08  CAGE CLAMP®S	2-Conductor Fem 231 Series 
0.2 – **2.5 (4) mm²** / AWG 24 – **12** **2231-306/107-000**	0.2 – **2.5 (4) mm** **231-2106/026-**
Male headers with solder pins, 231 Series  **231-136/001-000**	Male headers wit pins and fixing fla 231 Series  **231-136/040-0**
Male connectors, 231 Series  CAGE CLAMP®	Male connectors mounting feet, 231 Series 
0.08 – **2.5 mm²** / AWG 28 – **12** **231-606**	0.08 – **2.5 mm²** **231-606/018-0**
Male connectors with snap-in and threaded flanges, 231 Series 5.08  CAGE CLAMP®	Double-pin male DIN 35 rail moun 232 Series 
0.08 – **2.5 mm²** / AWG 28 – **12** **231-636/129-000**	**232-506/007-0**
Female headers with solder pins and fixing flanges, 232 Series **232-136/031-000**	Female headers v and spacers, 232 Series **232-136/047-0**

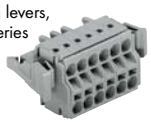
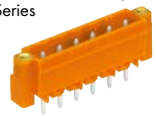
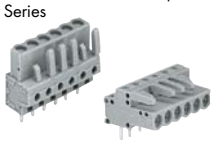
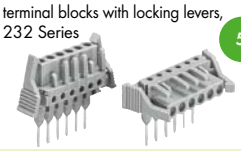
CAGE CLAMP®

The universal connection for solid, stranded and fine-stranded conductors
Handling: Open clamping unit, insert the conductor, release clamp – done!

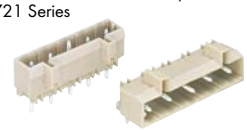
CAGE CLAMP®S

The universa
Handling: Ope
Terminate both

5 mm, 5.08 mm MIDI Classic

s with integrated CAGE CLAMP® / AWG 28 –**12** **00**	Female connectors with snap-in mounting feet, 231 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **231-106/008-000**	Female connectors with locking levers, 231 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **231-106/037-000**	Female connectors with fixing flanges, 231 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **231-106/031-000**
with screw 5.08 CAGE CLAMP® / AWG 28 –**12** **00**	Female connectors with fixing flanges for panel mounting, 731 Series 5  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **731-505/031-000**	Female connectors with snap-in mounting feet for panel mounting, 731 Series 5  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **731-505/008-000**	
s with push- rated end plate, CAGE CLAMP®S ² / AWG 24 –**12** **000**	Female connectors with push-buttons and snap-in mounting feet, 2231 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **2231-106/008-000**	Female connectors with push-buttons and locking levers, 2231 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **2231-106/037-000**	Female connectors with push-buttons and fixing flanges, 2231 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **2231-106/031-000**
ale Plugs, CAGE CLAMP®S ² / AWG 24 –**12** **000**	2-conductor female connectors with locking levers, 231 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **231-2106/037-000**	2-conductor female connectors with screw flanges, 231 Series 5.08  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **231-2306/107-000**	
th solder nges, 5 **00**	Male headers with solder pins and threaded flanges, 231 Series 5.08  **231-336/108-000**	Double-deck male headers, 232 Series  **232-336**	Male headers with solder pins, 231 Series THR 5  **231-135/001-000/105-604**
with snap-in CAGE CLAMP® / AWG 28 –**12** **00**	Male connectors with fixing flanges, 231 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **231-606/019-000**	Male connectors with snap-in flanges, 231 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **231-606/114-000**	Male connectors with threaded flanges, 231 Series 5.08  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **231-636/109-000**
connectors for nting, **00**		Female headers with solder pins, 232 Series  **232-136**	Female headers with solder pins and locking levers, 232 Series  **232-136/039-000**
vith solder pins **00**	Male connectors for rail-mounted terminal blocks, 231 Series 5  **231-166/003-000**	Female connectors for rail-mounted terminal blocks, 232 Series 5  **232-136/005-000**	Female connectors for rail-mounted terminal blocks with locking levers, 232 Series 5  **232-136/005-000/039-000**

7.5 mm MIDI 100 % protected again

Female connectors, 721 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **721-205/026-000**	Female connectors with snap-in mounting feet, 721 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **721-205/008-000**	Fe le 0. 72
Female connectors with fixing flanges, 721 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **721-205/031-000**	Female connectors with fixing flanges for panel mounting, 721 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **721-335/031-000**	Fe in 72 0. 72
Female connectors with push-buttons, 2721 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **2721-206/026-000**	Female connectors with push-buttons and snap-in mounting feet, 2721 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **2721-206/008-000**	Fe an 27 0. 27
Female connectors with push-buttons and fixing flanges, 2721 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **2721-206/031-000**	2-conductor female plugs, 721 Series  CAGE CLAMP®S 0.2 – **2.5 (4) mm²** / AWG 24 –**12** **721-2206/026-000**	2- lo 72 0. 72
Male headers with solder pins, 721 Series  **721-235/001-000**		M 72
Male connectors, 723 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **723-605**	Male connectors with snap-in mounting feet, 723 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **723-605/018-000**	Fe 72 0. 72
Male connectors with snap-in flanges, 723 Series  CAGE CLAMP® 0.08 – **2.5 mm²** / AWG 28 –**12** **723-606/114-000**		Fe 72 72
Female headers with solder pins and locking levers, 722 Series  **722-735/039-000**	Female headers with solder pins and fixing flanges, 722 Series  **722-735/031-000**	Fe sp 72

l connection with "SPECIAL"
en clamping unit, insert the conductor, release clamp – done!
n solid and ferruled conductors by simply pushing them in – no operating tool needed.

st mismating

male connectors with locking
vers, 721 Series



CAGE CLAMP®

08 – **2.5 mm²** / AWG 28 –**12**
21-205/037-000

male connectors with snap-in mount-
g feet for panel mounting,
21 Series



CAGE CLAMP®

08 – **2.5 mm²** / AWG 28 –**12**
21-335/008-000

male connectors with push-buttons
d locking levers,
721 Series



CAGE CLAMP®S

2 – **2.5 (4) mm²** / AWG 24 –**12**
721-206/037-000

conductor female connectors with
cking levers,
21 Series



CAGE CLAMP®S

2 – **2.5 (4) mm²** / AWG 24 –**12**
21-2206/037-000

ale connectors with fixing flanges,
23 Series



CAGE CLAMP®

08 – **2.5 mm²** / AWG 28 –**12**
23-605/019-000

male headers with solder pins,
22 Series



22-735

male headers with solder pins and
acers, 722 Series



22-735/047-000

7.5 mm, 7.62 mm MIDI Classic

Female connectors,
231 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
231-206/026-000

Female connectors with snap-in
mounting feet,
231 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
231-206/008-000

Female connectors with locking
levers, 231 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
231-206/037-000

Female connectors with fixing flanges,
231 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
231-206/031-000

Angled female connectors,
732 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
732-106/026-000

Female connectors with fixing flanges
or snap-in mounting feet
for panel mounting,
731 Series

7.5



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
731-535/031-000

Female connectors with push-
buttons, 2231 Series



CAGE CLAMP®S

0.2 – **2.5 (4) mm²** / AWG 24 –**12**
2231-206/026-000

Female connectors with push-
buttons and snap-in mounting feet,
2231 Series



CAGE CLAMP®S

0.2 – **2.5 (4) mm²** / AWG 24 –**12**
2231-206/008-000

Female connectors with push-
buttons and locking levers,
2231 Series



CAGE CLAMP®S

0.2 – **2.5 (4) mm²** / AWG 24 –**12**
2231-206/037-000

Female connectors with push-
buttons and fixing flanges,
2231 Series



CAGE CLAMP®S

0.2 – **2.5 (4) mm²** / AWG 24 –**12**
2231-206/031-000

2-conductor female plugs,
231 Series



CAGE CLAMP®S

0.2 – **2.5 (4) mm²** / AWG 24 –**12**
231-2206/026-000

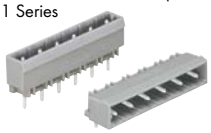
2-conductor female connectors with
locking levers,
231 Series



CAGE CLAMP®S

0.2 – **2.5 (4) mm²** / AWG 24 –**12**
231-2206/037-000

Male headers with solder pins,
231 Series



231-236/001-000

Male headers with solder pins and
fixing flanges,
231 Series



7.5

231-240/040-000

Male headers with solder
pins, 231 Series

THR



7.5

231-236/001-000/105-604

Male connectors,
731 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
731-606

Male connectors with snap-in
mounting feet,
731 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
731-606/018-000

Male connectors with fixing flanges,
731 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
731-606/019-000

Male connectors with snap-in flanges,
731 Series



CAGE CLAMP®

0.08 – **2.5 mm²** / AWG 28 –**12**
731-606/114-000

Double-pin male connectors for
DIN 35 rail mounting,
232 Series



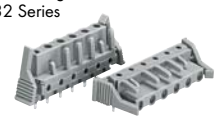
232-566/007-000

Female headers with solder pins,
232 Series



232-736

Female headers with solder pins
and locking levers,
232 Series



232-736/039-000

Female headers with solder pins
and fixing flanges,
232 Series



232-736/031-000

Female headers with solder pins
and spacers,
232 Series



232-736/047-000

MAXI 7.62 mm

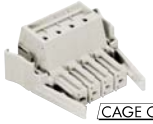
Female connectors,
831 Series



CAGE CLAMP®S

0.5 – **10 mm²** / AWG 20 – **8**
831-3104

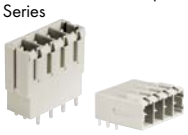
Female connectors with locking
levers, 831 Series



CAGE CLAMP®S

0.5 – **10 mm²** / AWG 20 – **8**
831-3104/037-000

Male headers with solder pins,
831 Series



831-3604

Male connectors,
831 Series



CAGE CLAMP®S

0.5 – **10 mm²** / AWG 20 – **8**
831-3204

Male connectors for DIN 35 rail
mounting,
831 Series



CAGE CLAMP®S

0.5 – **10 mm²** / AWG 20 – **8**
831-3204/007-000

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