→ The Complete Range of MCS Connectors – MULTI CONNECTION SYSTEM

MICRO -

Pin spacing: 2.5mm/0.098in Conductor sizes: 0.08-0.5mm² / AWG 28-20

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

- 100% protected against mismating
- "Wire-to-wire" and "wire-to-board" connections
- Custom coding options
- Polyamide insulation material for a rated voltage of up to 320V with a pin spacing of 2.5mm
- THR (Through-Hole Reflow) versions

- MINI -

Pin spacing: 3.5mm/0.138in, 3.81mm/0.15 in Conductor sizes: 0.08 - 1.5 mm² / AWG 28 - 14

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) version

Pin spacing: 5 mm/0.197in, 7.5mm/0.295in Conductor sizes: 0.08-2.5mm² / AWG 28-12

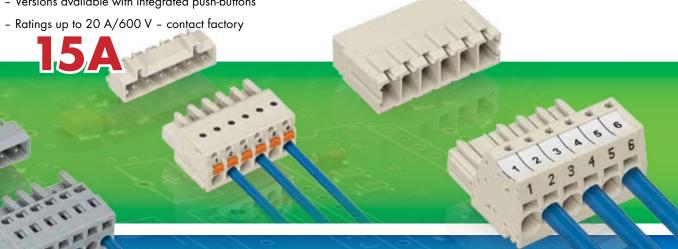
The "versatile" MCS connector range with CAGE CLAMP® or CAGE CLAMP®S termination.

- 100% protected against mismating
- "Wire-to-board," "wire-to-wire," "board-to-board" and "board-to-wire" connections
- Custom coding options

- MIDI -

- Long pins for rail-mount terminal block connection
- Versions available with integrated push-buttons





Convenience Features











DIN Rail Mounting Options

- MINI HD

Pin spacing: 3.5mm/0.138in Conductor sizes: 0.08 - 1.5 mm² / AWG 28 - 16

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

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

MIDI Classic -

Pin spacing: 5mm/0.179in, 5.08mm/0.2in, 7.5mm/0.295in, 7.62mm/0.3 in Conductor sizes: 0.08-2.5mm² / AWG 28-12

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 - 600 V per UL1977

-MAXI-

with CAGE CLAMP® S termination.

- "Wire-to-wire" and "wire-to-board" connections
- 600V per UL 1059 for headers and

Pin spacing: 7.62mm/0.3in Conductor sizes: 0.5-10mm² / AWG 28-8

The "high-current" MCS connector range

- 100% protected against mismating
- Custom coding options
- female connectors with conductor termination

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Switzerland WAGO CONTACT SA Tel. ++41/26/676/75/86 Fax ++65/26/676/75/01

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Fax ++32/2/7/17/90/99

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England WAGO, Ltd.

WAGO Corporation

Queretaro Tel. 001/800/309/5975 + 52/442/221/5946 Fax $+ \frac{52}{442} \frac{221}{5063}$

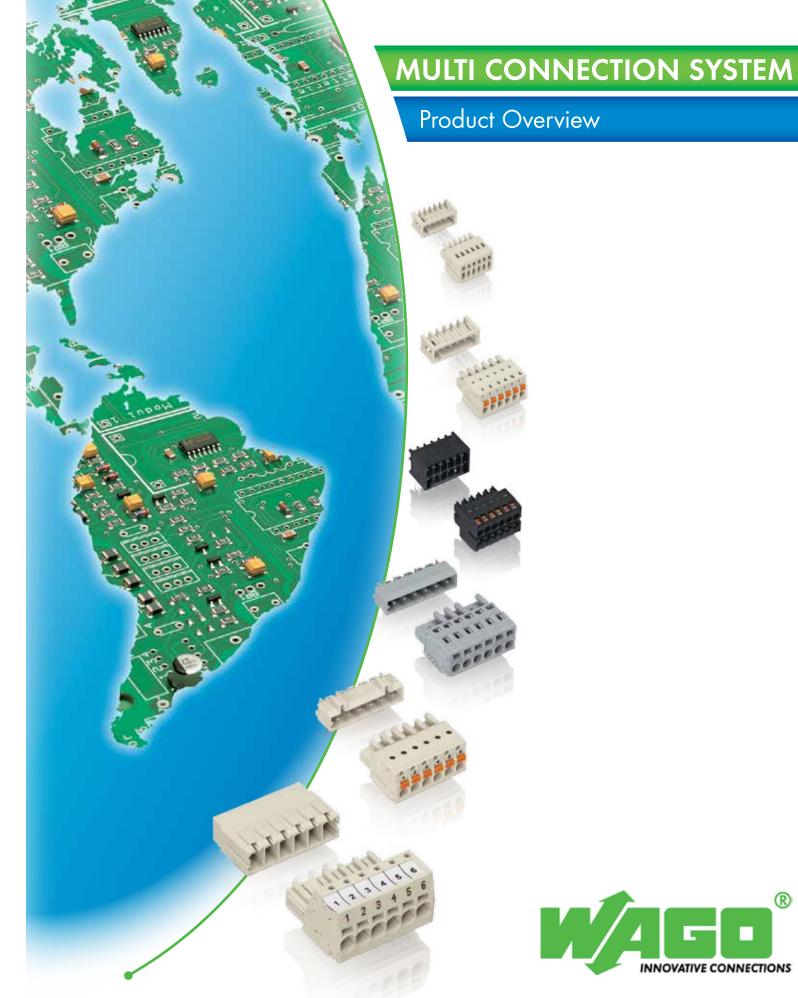
WAGO Corporation

Tel. 800/DIN Rail (346-7245) Fax 262/255-3232











MCS - MULTI CONNECTION SYSTEM

Product Overview Sorted by Pin Spacing



Enjoy these features STANDARD on all WAGO MCS products:

- Spring-pressure termination that exhibits superior resistance to vibration, corrosion, and thermal cycling
- High quality materials including UL94V0-rated PA6.6 insulating housings; chrome-nickel steel clamping mechanisms; and lead-free tin-plated electrolytic copper current bars • Consistent high quality as a result of automated assembly, including integrated quality control

231-106/026-000

Analed female connectors.

Configuration options to suit your application

5 mr	5 mm MIDI 100% protected against mismating				
Female connectors,	Female connectors with locking levers,	Female connectors with fixing flanges,	Female connectors with snap-in		
721 Series	721 Series	721 Series	mounting feet, 721 Series		
CAGE CLAMP	CAGE CLAMP®	CAGE CLAMP®	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	Female connectors for panel mounting with fixing flanges, 721 Series	Female connectors with snap-in mounting feet for panel mounting, 721 Series			
0.08 - 2.5 mm ² / AWG 28 - 12 722-205/026-000	0.08 - 2.5 mm ² / AWG 28 - 12 721-305/031-000	0.08 - 2.5 mm ² / AWG 28 - 12 721-305/008-000			
Female connectors with push- buttons, 2721 Series	Female connectors with push- buttons and snap-in mounting feet, 2721 Series	Female connectors with push- buttons and locking levers, 2721 Series	Female connectors with push- buttons and fixing flanges, 2721 Series		
0.2 - 2.5 mm ² / AWG 24 - 12 2721-106/026-000	0.2 - 2.5 mm ² / AWG 24 - 12 2721-106/008-000	0.2 - 2.5 mm ² / AWG 24 - 12 2721-106/037-000	0.2 - 2.5 mm ² / AWG 24 - 12 2721-106/031-000		
2-conductor female connectors, 721 Series CAGE CLAMP*	2-conductor female connectors with locking levers, 721 Series				
0.2 - 2.5 mm ² / AWG 24 - 12 721-2106/026-000	0.2 - 2.5 mm ² / AWG 24 - 12 721-2106/037-000				
Headers, 721 Series	Headers with press-in pins, 721 Series				
721-135/001-000	721-166/100-000				
Male connectors, 721 Series [CAGE CLAMP]	Male connectors with snap-in mounting feet, 721 Series	Male connectors with fixing flanges, 721 Series [CAGE CLAMP]	Male connectors with snap-in fixing flanges, 721 Series		
0.08 - 2.5 mm ² / AWG 28 - 12 721-605	0.08 - 2.5 mm ² / AWG 28 - 12 721-605/018-000	0.08 - 2.5 mm ² / AWG 28 - 12 721-605/019-000	0.08 - 2.5 mm ² / AWG 28 - 12 721-606/014-000		
Female headers, 722 Series	Female headers with locking levers, 722 Series	Female headers with fixing flanges, 722 Series	Female headers with spacers, for flush mounting 722 Series		
700 105	700 105 (000 000	700 107 (001 000	700 107 (047 000		
722-135 Headers for rail-mounted terminal blocks, 721 Series	722-135/039-000 Female headers for rail-mounted terminal blocks, 722 Series	722-135/031-000 Female headers for rail-mounted terminal blocks, with locking levers, 722 Series	722-135/047-000		
721-166/003-000	722-136/005-000	722-136/005-000/039-000			
R	#	2	1		

Double-pin male connectors for

232-506/007-000

5 mm, 5.08 mm MIDI Classic

0.08 - 2.5 mm² / AWG 28 -12 0.08 - 2.5 mm² / AWG 28 -12

231-106/102-000 231-106/008-000 231-106/037-000

731-505/031-000

s, Female connectors with push-buttons and integrated end plate, posts are push-buttons and snapin push-buttons and snapin

 $0.2 - 2.5 \text{ mm}^2 / \text{AWG } 24 - 12$ $0.2 - 2.5 \text{ mm}^2 / \text{AWG } 24 - 12$ $0.2 - 2.5 \text{ mm}^2 / \text{AWG } 24 - 12$ $0.2 - 2.5 \text{ mm}^2 / \text{AWG } 24 - 12$ $0.2 - 2.5 \text{ mm}^2 / \text{AWG } 24 - 12$ $0.2 - 2.5 \text{ mm}^2 / \text{AWG } 24 - 12$

0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 - 2.5 mm² / AWG 28 -12 | 0.08 -10.5 mm² / AWG 28 -12

Female headers with locking levers, | Female headers with fixing flanges, | Female headers with spacers,

232-136/031-000

Female headers for rail-mounted

231-606/018-000 231-606/019-000 231-636/109-000 231-606/114-000

2231-106/026-000 2231-106/102-000 2231-106/037-000 2231-106/037-000

CAGE CLAMP®

CAGE CLAMP®

0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm² / AWG 28 - **12** | 0.08 - **2.5** mm²

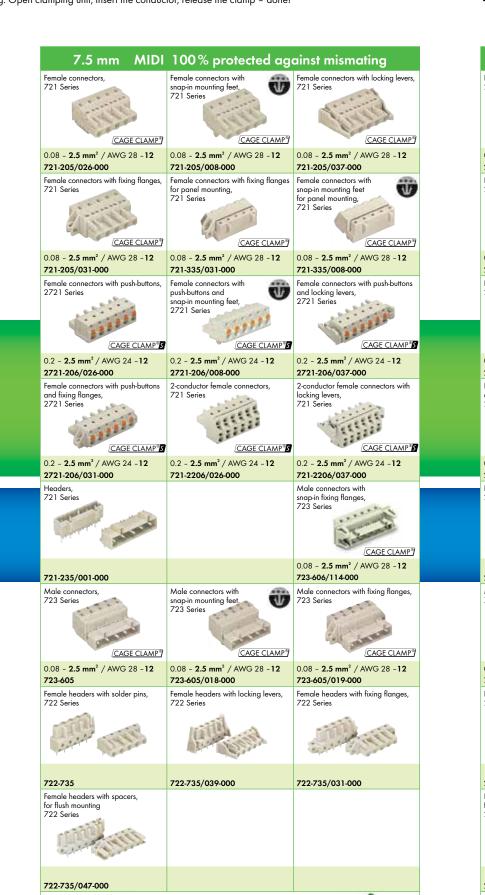
Female connectors with push-buttons, Female connectors with push-

232-136/039-000

Female connectors with push-buttos and screw flanges, 231 Series

Female connectors with screw flanges, Female connectors with fixing flanges, Female connectors with

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



210-250



Universal connection with BPECIAL"

landling: Open clamping unit, insert the conductor, release the clamp – done! Terminate both solid and ferruled-stranded conductors by simply pushing them in – no operating tool needed.

PressIn Technique

Snap-in mounting foot

Only available in pin spacing

Through-Hole Reflow Soldering

7.5 mr	m, 7.62 mm MIDI (Classic	7.62 mm MAXI
ale connectors, Series	Female connectors with snap-in mounting feet, 231 Series	Female connectors with locking levers, 231 Series	Female connectors, 831 Series
CAGE CLAMP®	CAGE CLAMP®	CAGE CLAMP®	CAGE CLAMP®
3 - 2.5 mm² / AWG 28 -12 -206/026-000	0.08 - 2.5 mm ² / AWG 28 - 12 231-206/008-000	0.08 - 2.5 mm ² / AWG 28 - 12 231-206/037-000	0.5 - 10 mm ² / AWG 20 - 8 831-3104
ale connectors with fixing flanges, Series	Angled female connectors, 732 Series CAGE CLAMP ⁹	Female connectors with fixing flanges or snap-in mounting feet for panel mounting, 731 Series 7.5	Female connectors with locking levers, 831 Series
3 - 2.5 mm ² / AWG 28 - 12 - 206/031-000	0.08 - 2.5 mm ² / AWG 28 - 12 732-106/026-000	0.08 - 2.5 mm ² / AWG 28 - 12 731-535/031-000	0.5 - 10 mm ² / AWG 20 - 8 831-3104/037-000
ale connectors with push-buttons, 1 Series CAGE CLAMP*S	Female connectors with push-buttons and snap-in mounting feet, 2231 Series	Female connectors with push-buttons and locking levers, 2231 Series	
- 2.5 mm ² / AWG 24 - 12 1-206/026-000	0.2 - 2.5 mm ² / AWG 24 - 12 2231-206/008-000	0.2 - 2.5 mm ² / AWG 24 - 12 2231-206/037-000	
ale connectors with push-buttons fixing flanges, 1 Series	2-conductor female connectors, 231 Series CAGE CLAMP*	2-conductor female connectors with locking levers, 231 Series	
- 2.5 mm ² / AWG 24 - 12 1-206/031-000	0.2 - 2.5 mm ² / AWG 24 - 12 231-2206/026-000	0.2 - 2.5 mm ² / AWG 24 - 12 231-2206/037-000	
ders, Series -236/001-000	Headers with fixing flanges, 231 Series 7.5	Headers, 231 Series 7.5	7.62 mm 831-3604
e connectors, Series CAGE CLAMP® 3 - 2.5 mm² / AWG 28 -12	Male connectors with snap-in mounting feet 731 Series CAGE CLAMP® 0.08 - 2.5 mm² / AWG 28 -12	Male connectors with fixing flanges, 731 Series CAGE CLAMP O.08 - 2.5 mm² / AWG 28 -12	Male connectors, 831 Series CAGE CLAMP [®] 0.5 - 10 mm ² / AWG 20 - 8
-606	731-606/018-000	731-606/019-000	831-3204
ale headers, Series	Female headers with locking levers, 232 Series	Female headers with fixing flanges, 232 Series	
-736	232-736/039-000	232-736/031-000	
ale headers with spacers, lush mounting, Series		Double-pin male connectors for DIN 35 rail mounting, 232 Series	Male connectors for DIN 35 rail mounting, 831 Series
-736/047-000		232-566/007-000	0.5 - 10 mm ² / AWG 20 - 8 831-3204/007-000
R	1 1	- /	1
231-291	231-231 210-250	210-720	210.721