

MULTI CONNECTION SYSTEM

Product Overview



THE COMPLETE MCS - MULTI-CONNECTION SYS

MICRO

Pin spacing: 2.5 mm Conductor sizes: 0.08 ... 0.5 mm² (28 ... 20 AWG)

The "Most Compact" MCS MICRO Connector System with CAGE CLAMP° Connection:

- 100% protected against mismating
- For wire-to-board and wire-to-wire connections
- Custom coding options
- Polyamide insulation material for rated voltages up to 320 V for pin spacing as low as 0.098 in (2.5 mm)
- Through Hole Reflow (THR) variants



MIDI

Pin spacing: 5 mm, 7.5 mm Conductor sizes: 0.08 ... 2.5 mm² (28 ... 12 AWG)

The "Versatile" MCS Program with CAGE CLAMP® or Push-in CAGE CLAMP® Connection:

- 100% protected against mismating
- Wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- · Custom coding options
- Long contact pins connect to rail-mount terminal blocks
- · Versions with integrated push-buttons
- · Also available with press-in mounting technology



MINI

Pin spacing: 3.5 mm, 3.81 mm Conductor sizes: 0.08... 1.5 mm² (28... 14 AWG)

The "Compact" MCS Program with CAGE CLAMP® or Push-in CAGE CLAMP® Connection:

- · 100% protected against mismating
- Wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- Custom coding options
- Versions with integrated push-buttons
- Through Hole Reflow (THR) variants
- Also available with press-in mounting technology



MIDI Classic

Pin spacing: 5 mm, 5.08 mm, 7.5 mm, 7.62 mm Conductor sizes: 0.08 ... 2.5 mm² (28 ... 12 AWG)

The "Classic" MCS-MIDI Variant with CAGE CLAMP® or Push-in CAGE CLAMP® Connection:

- Group arrangement of female connectors in a single male header without loss of pin spacing
- Wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- · Custom coding options
- Long contact pins connect to rail-mount terminal blocks
- Versions with integrated push-buttons
- Through Hole Reflow (THR) variants



STEM

MINI SL

Pin spacing: 3.5 mm Conductor sizes: 0.2 ... 1.5 mm² (24 ... 16 AWG)

The "Low-Profile" MCS-MINI System with Push-in CAGE CLAMP* Connection:

- Extremely low profile just 7.8 mm (0.307 inch)
- · For wire-to-board connections
- · Testing parallel to conductor entry
- · Custom coding options
- · With integrated push-buttons
- Direct push-in termination of solid and fine-stranded conductors with ferrule



MAXI 6

Pin spacing: 7.62 mm
Conductor sizes: 0.5 ... 10 mm² (20 ... 8 AWG)

The "High-Current" MCS Program with Push-in CAGE CLAMP® Connection:

- 100 % protected against mismating
- For wire-to-board and wire-to-wire connections
- Custom coding options
- 600 V per UL 1059 for male and female connectors
- Direct push-in termination of solid and fine-stranded conductors with ferrule

MINI HD

Pin spacing: 3.5 mm Conductor sizes: 0.08 ... 1.5 mm² (28 ... 16 AWG)

The "Double-Row" MCS MINI Connector System with CAGE CLAMP® Connection:

- 100% protected against mismating
- Double-row pole arrangement allows highdensity, wire-to-board connectors for use in very confined spaces
- Custom coding options
- External operating slots are easily accessible even when wired
- Strain relief plates are available for mounting in center position



Pin spacing: 10.16 mm

Conductor sizes: 0.75 ... 25 mm² (18 ... 4 AWG)

The "Highest-Performance" MCS Program with Push-in CAGE CLAMP® Connection:

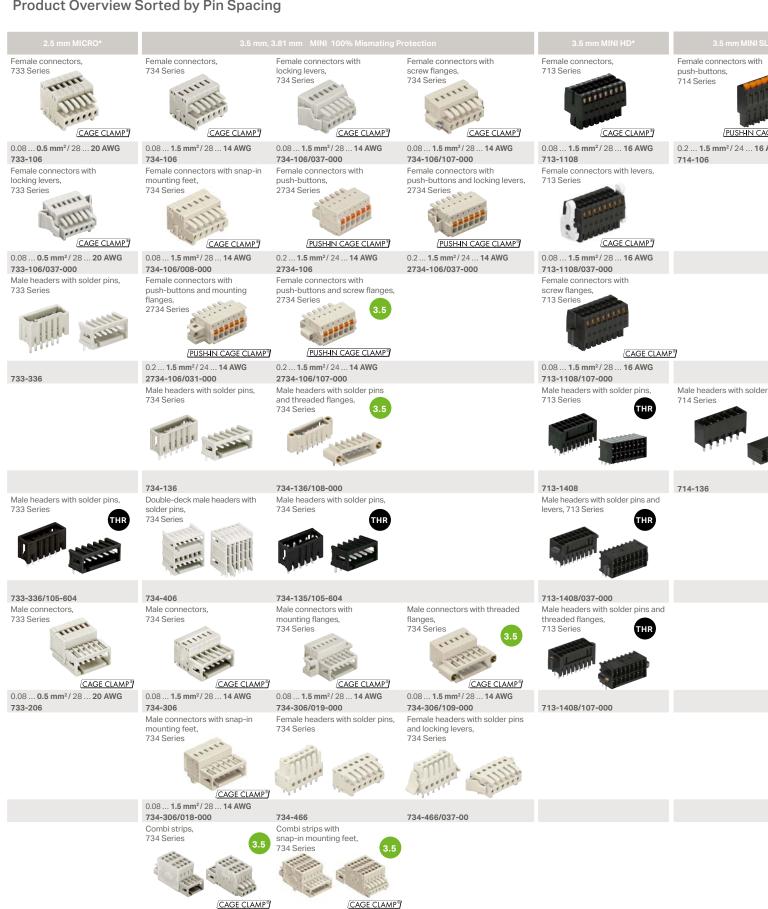
- Tool-free, intuitive lever operation
- 100 % protected against mismating
- Wire-to-board and wire-to-wire connections
- · Custom coding options
- 600 V per UL 1059 for male and female connectors
- Direct push-in termination of solid and fine-stranded conductors with ferrule





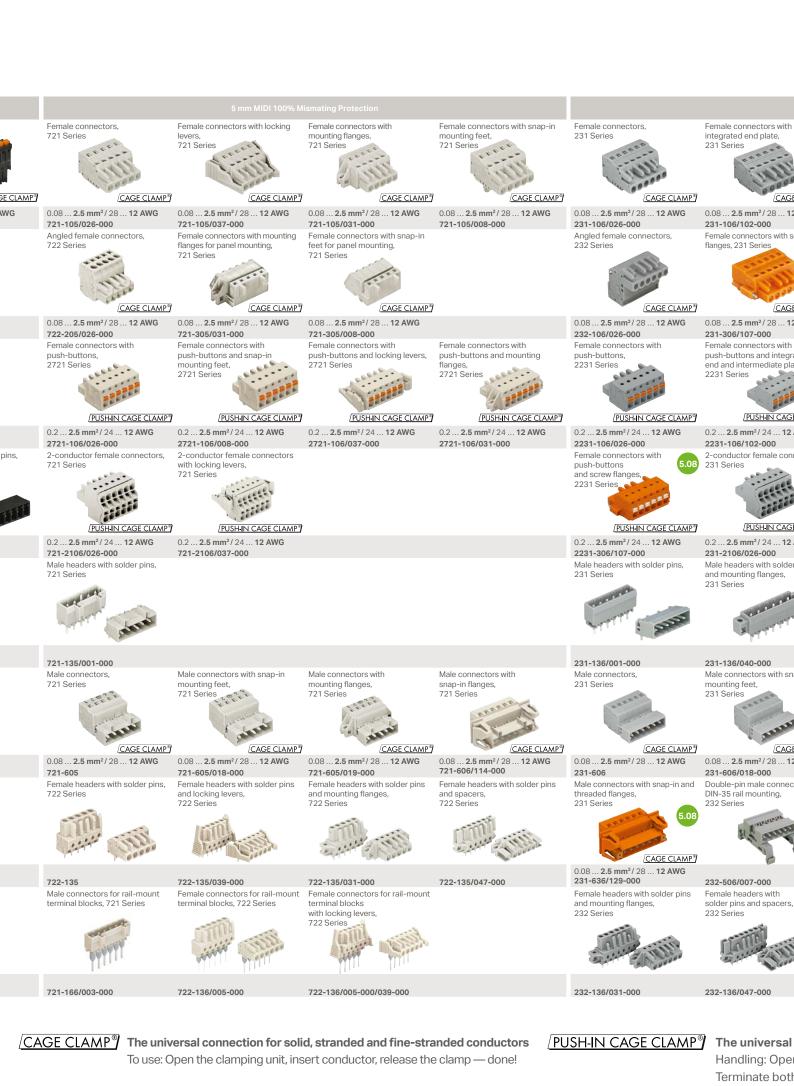
MCS - MULTI CONNECTION SYSTEM

Product Overview Sorted by Pin Spacing

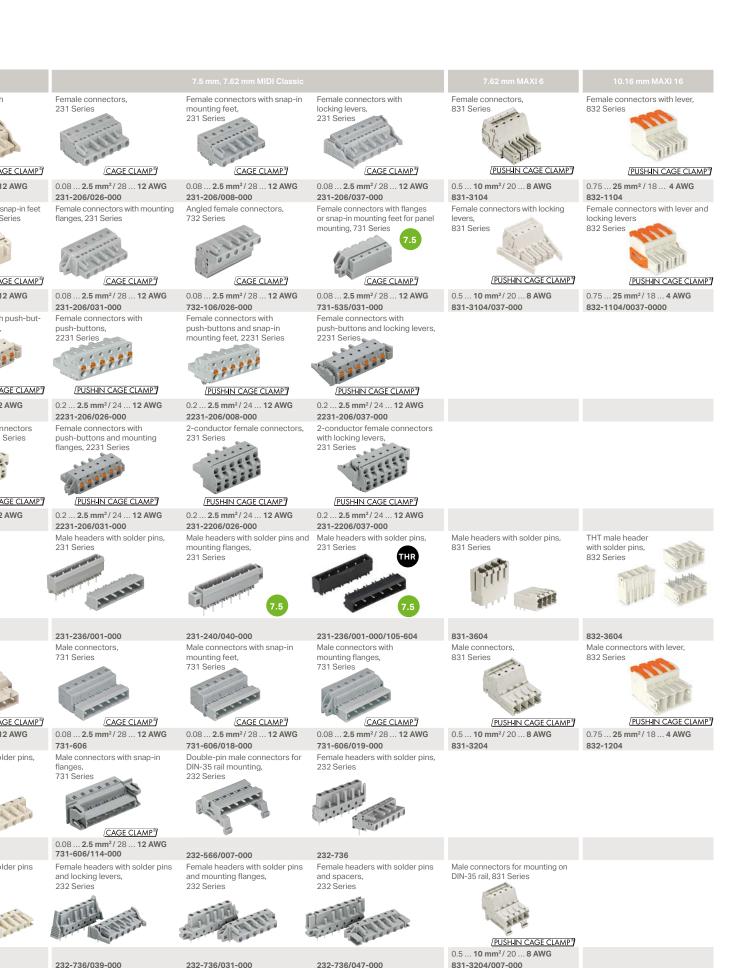


0.08 ... 1.5 mm²/ 28 ... 14 AWG 734-366/008-000

0.08 ... **1.5 mm²**/ 28 ... **14 AWG**







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