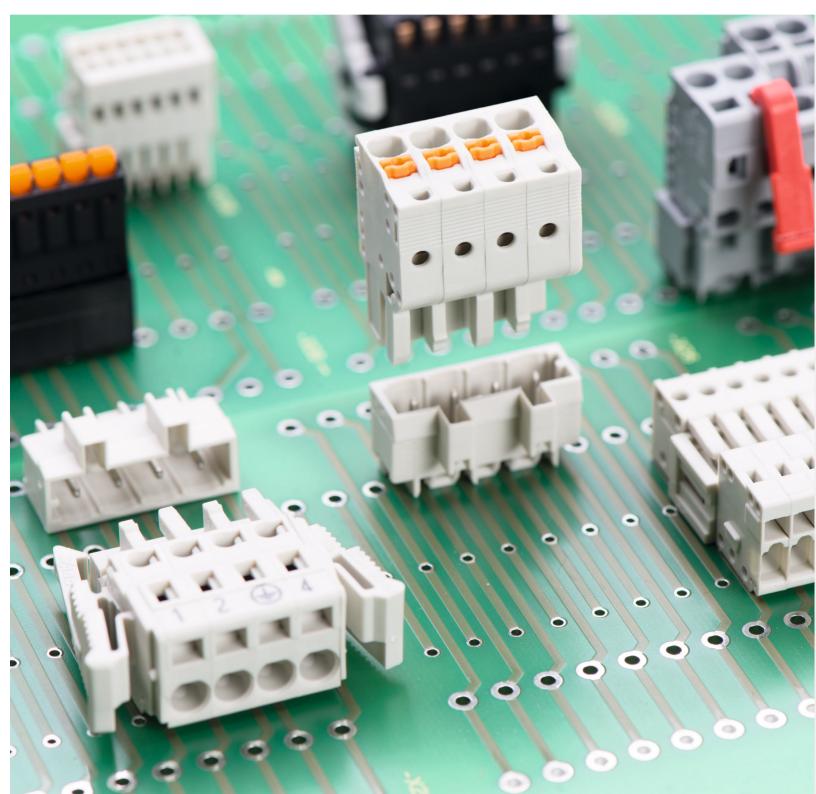


MULTI CONNECTION SYSTEM

Product Overview



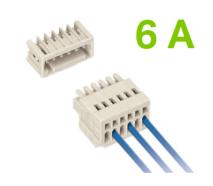
THE ENTIRE RANGE OF MCS CONNECTORS – MULTI CONNECTION SYSTEM

MICRO

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

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

- Mating halves are 100 % protected against mismating
- For wire-to-board and wire-to-wire connections
- Custom coding options
- The housing's polyamide insulating material allows a rated voltage up to 320 V for pin spacing as low as 2.5 mm
- Through-Hole Reflow (THR) variants



MINI SL

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

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

- Extremely low profile just 7.8 mm
- For wire-to-board connections
- Testing parallel to conductor entry
- Custom coding options
- Features integrated push-buttons
- Push-in termination of solid or ferruled conductor



MINI

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

The **"Compact**" *MCS* MINI Connector System with CAGE CLAMP[®] or Push-in CAGE CLAMP[®] Connection:

- Mating halves are 100 % protected against mismating
- For wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- Custom coding options
- Models available with integrated push-buttons
- THR variants
- Also available with press-in mounting technology



MINI HD

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

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

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



MIDI

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

The **"Versatile"** *MCS* MIDI Connector System with CAGE CLAMP[®] or Push-in CAGE CLAMP[®] Connection:

- Mating halves are 100 % protected against mismating
- For wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- Custom coding options
- Long contact pins connect to DIN-rail mount terminal blocks
- Models available with integrated push-buttons
- Also available with press-in technology



MIDI Classic

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

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

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



MAXI

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

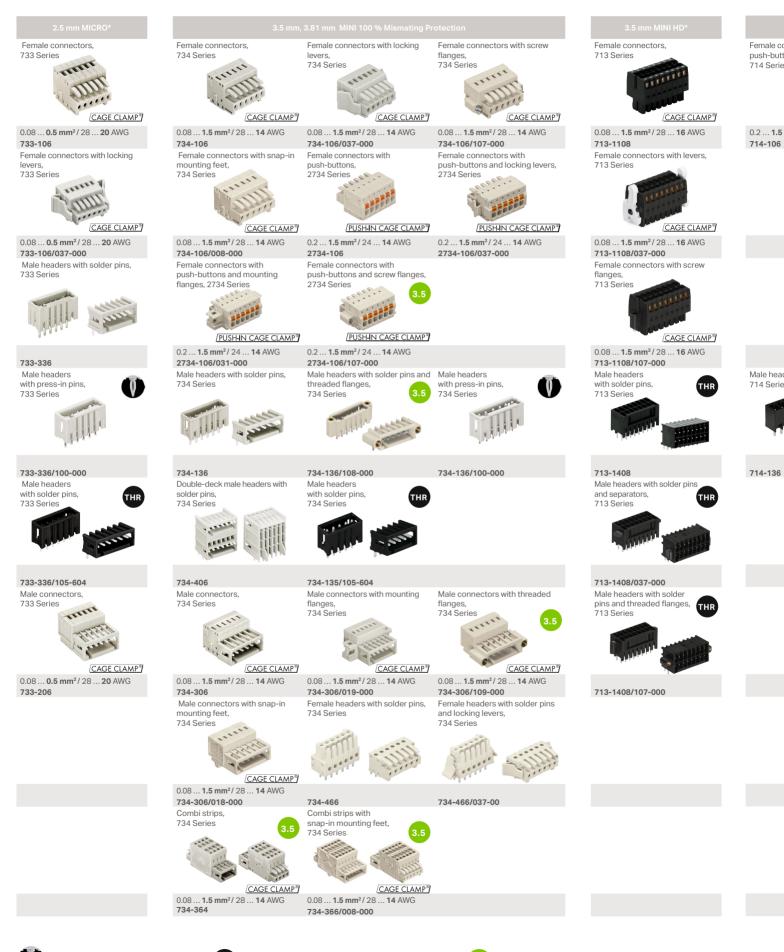
The "High-Current" MCS MAXI Connector System with Push-in CAGE CLAMP® Connection:

- Mating halves are 100 % protected from mismating
- For wire-to-board and wire-to-wire connections
- Custom coding options
- 600 V per UL 1059 for male and female connectors
- Push-in termination of solid or ferruled conductors



MCS – MULTI CONNECTION SYSTEM

Product Overview Sorted by Pin Spacing



THR Through-Hole Refl ow Soldering

Only available in this pin spacing



* 100 % protected against mismating

<u>CAGE CLAMP</u>

 ${}^{\mathscr{D}}$ The universal connection for solid, stranded and fi ne-stranded cond

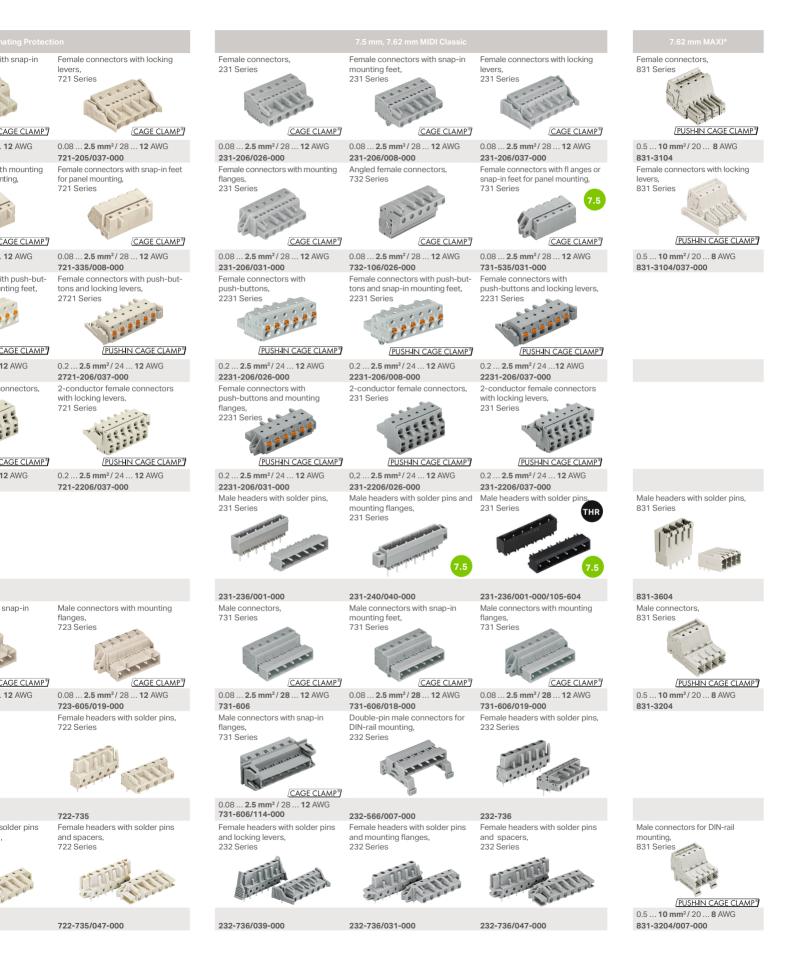
To Use: Open clamping unit, insert the conductor, release clamp — done!



onductors

PUSH-IN CAGE CLAMP The universal connection with an additional advantage: Push-in connection — To U

release clamp — done! Terminate both solid and ferruled conductors by simply pushing



To Use: Open clamping unit, insert the conductor, hing them in — no operating tool needed.

WAGO Kontakttechnik GmbH & Co. KG

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