

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 mismatching
- “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

4A

MINI

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

The “**compact**” MCS connector range with CAGE CLAMP[®] or CAGE CLAMP[®]S termination.

- 100% protected against mismatching
- “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

10A

MIDI

Pin spacing: 5mm/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 mismatching
- “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
- Ratings up to 20 A/600 V – contact factory

15A

picoMAX[®]

Also Available from WAGO:
picoMAX[®] – the revolutionary pluggable connection system

Learn more at
www.picomax.us



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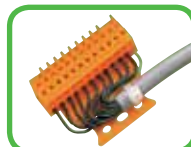
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Convenience Features



Comb-Type Jumpers



Strain Relief Options



Built-in Test Points



Marking Options



DIN Rail Mounting Options

MINI HD

Pin spacing: 3.5mm/0.138in
Conductor sizes: 0.08–1.5mm² / 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 mismatching
- Custom coding options
- External operating slots are easily accessible - even when wired
- Strain relief plates are available for mounting between rows

MIDI Classic

Pin spacing: 5mm/0.179in, 5.08mm/0.2in, 7.5mm/0.295in, 7.62mm/0.3in
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

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

The “**high-current**” MCS connector range with CAGE CLAMP[®]S termination.

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

MULTI CONNECTION SYSTEM

Product Overview




Product Overview Sorted by Pin Spacing

- Spring-pressure termination that exhibits superior resistance to vibration, corrosion, and thermal cycling
- High quality materials including UL194V0-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
- Configuration options to suit your application

Handling: 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
-  Through-Hole Reflow Soldering
-  Snap-in mounting foot
-  Only available in pin spacing shown inside circle