

The Complete MCS Range – MULTI CONNECTION SYSTEM

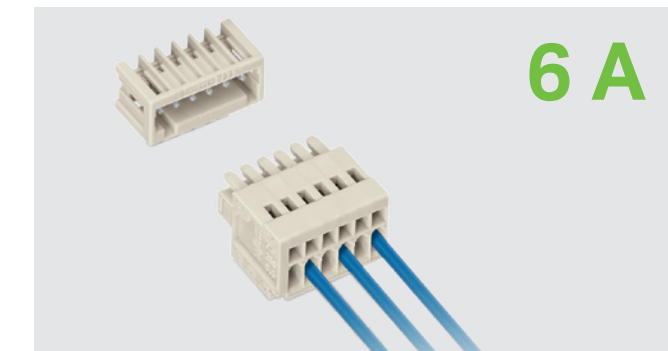
MICRO

Pin spacing: 2.5 mm

Conductor range: 0.08 ... 0.5 mm²

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

- 100% protected against mismatching
- Wire-to-board and wire-to-wire connections
- Custom coding options
- The housing's polyamide insulation material allows a rated voltage up to 320 V for pin spacing as low as 2.5 mm
- Through-hole reflow (THR) versions



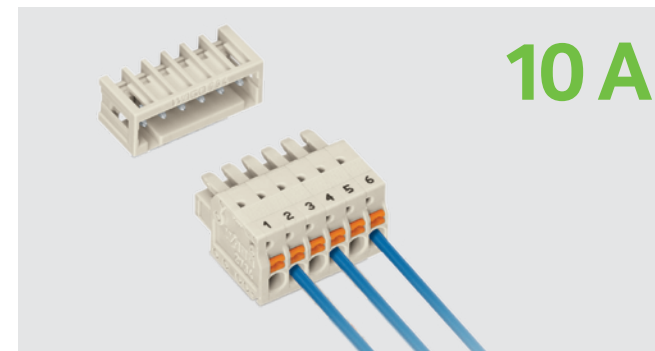
MINI

Pin spacing: 3.5 mm, 3.81 mm

Conductor range: 0.08 ... 1.5 mm²

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

- 100% protected against mismatching
- Wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- Custom coding options
- 3 actuation options: lever, push-button and operating slot for tool
- Through-hole reflow (THR) versions



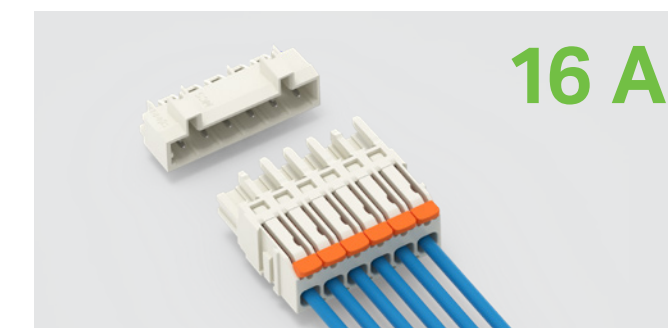
MIDI

Pin spacing: 5 mm, 7.5 mm

Conductor range: 0.08 ... 2.5 mm²

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

- 100% protected against mismatching
- 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
- 3 actuation options: lever, push-button and operating slot for tool



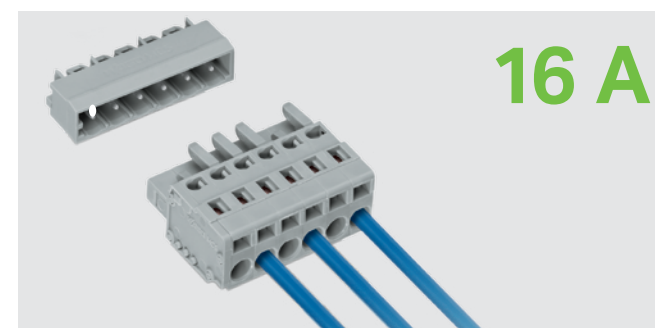
MIDI Classic

Pin spacing: 5 mm, 5.08 mm, 7.5 mm, 7.62 mm

Conductor range: 0.08 ... 2.5 mm²

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

- 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 contact pins connect to rail-mount terminal blocks
- 3 actuation options: lever, push-button and operating slot for tool
- Through-hole reflow (THR) versions



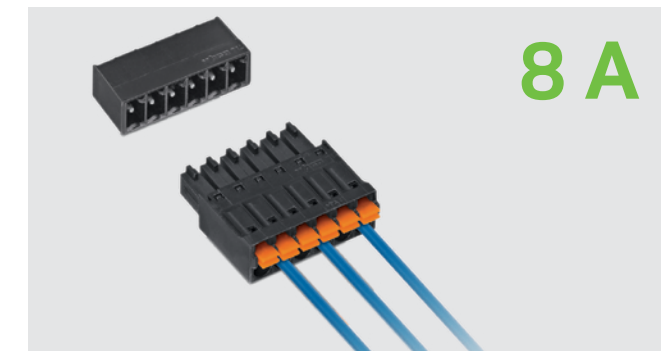
MINI SL

Pin spacing: 3.5 mm

Conductor range: 0.2 ... 1.5 mm²

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

- Extremely low profile – just 7.8 mm
- Wire-to-board connections
- Testing parallel to conductor entry
- Custom coding options
- Integrated push-buttons
- Push-in termination of solid conductors and fine-stranded conductors with ferrules



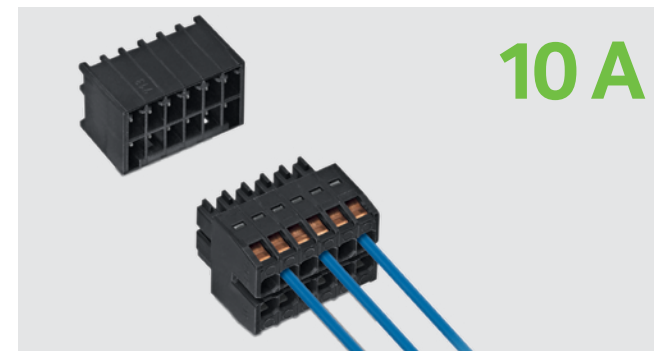
MINI HD

Pin spacing: 3.5 mm

Conductor range: 0.08 ... 1.5 mm²

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

- 100% protected against mismatching
- Double-row pole arrangement allows high-density, wire-to-board connectors to be used 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



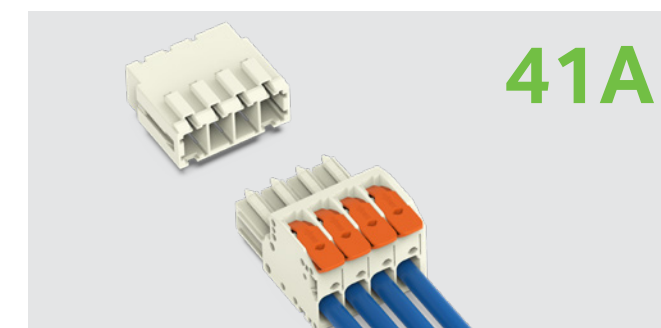
MAXI 6

Pin spacing: 7.62 mm

Conductor range: 0.5 ... 10 mm²

The "High-Current" MCS MAXI 6 System with Push-in CAGE CLAMP® Connection:

- 100% protected against mismatching
- Wire-to-board, wire-to-wire, board-to-board and board-to-wire connections
- Custom coding options
- 600 V per UL 1059 for standard male and female connectors
- Push-in termination of solid conductors and fine-stranded conductors with ferrules
- Versions with actuation via lever or operating tool



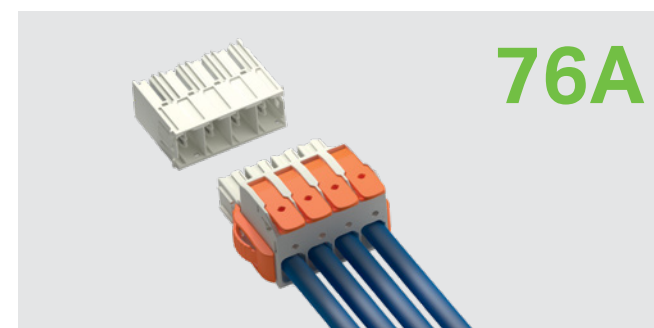
MAXI 16

Pin spacing: 10.16 mm

Conductor range: 0.75 ... 25 mm²

The "Highest-Performance" MCS MAXI 16 System with Push-in CAGE CLAMP® Connection:

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



MULTI CONNECTION SYSTEM (MCS)

Product Overview



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MM-309560 - 0888-0168104-6901 MCS - Multi Connection System 4.4 US -08/2022 - Printed in Germany - Subject to design changes

MCS – MULTI CONNECTION SYSTEM

Product Overview Sorted by Pin Spacing

2.5 mm MICRO*				3.5 mm, 3.81 mm MINI 100% Mismatching Protection				3.5 mm MINI HD*		3.5 mm MINI SL		5 mm MIDI 100% Mismatching Protection						5 mm, 5.08 mm MIDI Classic						7.5 mm MIDI 100% Mismatching Protection						7.5 mm, 7.62 mm MIDI Classic				7.62 mm MAXI 6		10.16 mm MAXI 16																					
Female connectors, 733 Series				Female connectors, 734 Series				Female connectors with push-buttons, 2734 Series		Female connectors with levers, 2734 Series		Female connectors, 713 Series		Female connectors with push-buttons, 714 Series		Female connectors, 721 Series		Female connectors with push-buttons, 2721 Series		Female connectors with levers, 2721 Series		2-conductor female connectors, 721 Series		Female connectors, 231 Series		Female connectors with push-buttons, 2231 Series		Female connectors with levers, 2231 Series		2-conductor female connectors, 231 Series		Angled female connectors, 232 Series		Female connectors, 721 Series		Female connectors with push-buttons, 2721 Series		2-conductor female connectors, 231 Series		Female connectors, 831 Series		Female connectors with levers, 831 Series		Female connectors with levers, 832 Series													
0.08 ... 0.5 mm ² /28 ... 20 AWG 733-106				0.08 ... 1.5 mm ² /28 ... 14 AWG 734-106				0.2 ... 1.5 mm ² /24 ... 14 AWG 2734-106		0.14 ... 1.5 mm ² /26 ... 14 2734-1106/327-000		0.08 ... 1.5 mm ² /28 ... 16 AWG 713-1108		0.2 ... 1.6 mm ² /24 ... 16 AWG 714-106		0.08 ... 2.5 mm ² /28 ... 12 AWG 721-105/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2721-106/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2721-1106/326-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 721-2106/026-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-106/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2231-106/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 231-1106/327-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 232-106/026-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 721-205/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2721-206/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 721-2206/026-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-206/026-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2231-206/026-000		0.5 ... 10 mm ² /20 ... 8 AWG 831-3104		0.5 ... 10 mm ² /20 ... 8 AWG 831-1104		0.75 ... 25 mm ² /18 ... 4 AWG 832-1104											
Female connectors with locking levers, 733 Series				Female connectors with locking levers, 734 Series				Female connectors with push-buttons and locking levers, 2734 Series		Female connectors with levers and locking levers, 2734 Series		Female connectors with separators, 713 Series		Female connectors with locking levers, 721 Series		Female connectors with push-buttons and locking levers, 2721 Series		Female connectors with levers and locking levers, 2721 Series		2-conductor female connectors with locking levers, 721 Series		Female connectors with locking levers, 231 Series		Female connectors with push-buttons and locking levers, 2231 Series		Female connectors with levers and locking levers, 2231 Series		2-conductor female connectors with locking levers, 231 Series		Female connectors with flanges for panel mounting, 731 Series		Female connectors with snap-in mounting feet, 721 Series		Female connectors with push-buttons and locking levers, 2721 Series		2-conductor female connectors with locking levers, 231 Series		Female connectors with locking levers, 831 Series		Female connectors with levers and locking levers, 831 Series		Female connectors with levers and locking levers, 832 Series															
0.08 ... 0.5 mm ² /28 ... 20 AWG 733-106/037-000				0.08 ... 1.5 mm ² /28 ... 14 AWG 734-106/037-000				0.2 ... 1.5 mm ² /24 ... 14 AWG 2734-106/037-000		0.14 ... 1.5 mm ² /26 ... 14 2734-1106/038-000		0.08 ... 1.5 mm ² /28 ... 16 AWG 713-1108/037-000		0.2 ... 1.6 mm ² /24 ... 16 AWG 714-106		0.08 ... 2.5 mm ² /28 ... 12 AWG 721-105/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2721-106/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2721-1105/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 721-2106/037-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-106/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2231-106/038-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 231-1106/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 232-106/026-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 721-205/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2721-206/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 721-2206/037-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-206/037-000		0.2 ... 2.5 mm ² /24 ... 12 AWG 2231-206/037-000		0.5 ... 10 mm ² /20 ... 8 AWG 831-3104/037-000		0.5 ... 10 mm ² /20 ... 8 AWG 831-1104/038-000		0.75 ... 25 mm ² /18 ... 4 AWG 832-1104/037-000											
THT male headers, 733 Series				Female connectors with snap-in mounting feet, 734 Series				Female connectors with push-buttons and mounting flanges, 2734 Series		THT male headers with threaded flanges, 734 Series		THT male headers, 713 Series		Female connectors with snap-in mounting feet, 721 Series		Female connectors with push-buttons and mounting flanges, 2721 Series		Female connectors with flanges for panel mounting, 721 Series		Female connectors with mounting flanges, 231 Series		Female connectors with push-buttons and mounting flanges, 2231 Series		Female connectors with screw flanges, 231 Series		Female connectors with screw flanges, 231 Series		Female connectors with mounting flanges, 721 Series		Female connectors with push-buttons and mounting flanges, 2721 Series		Female connectors with flanges for panel mounting, 731 Series		Female connectors with snap-in mounting feet, 721 Series		Female connectors with push-buttons and mounting flanges, 2721 Series		Angled female connectors, 732 Series		Female connectors with levers and mounting adapters, 831 Series		Female connectors with levers and mounting adapters, 831 Series		Female connectors with levers and mounting adapters, 832 Series													
733-336/105-604 733-366/105-604				0.08 ... 1.5 mm ² /28 ... 14 AWG 734-106/008-000				0.2 ... 1.5 mm ² /24 ... 14 AWG 2734-106/031-000		734-136/108-000 734-166/108-000		713-1408 713-1428		713-1408/037-000 713-1428/037-000		714-136 714-166		721-135/001-000 721-435/001-000		231-136/001-000 231-436/001-000		231-136/040-000		231-336/108-000		232-336		231-135/001-000/105-604 231-435/001-000		721-235/001-000 721-835/001-000		231-236/001-000 231-836/001-000		231-240/040-000		231-236/001-000/105-604 231-836/001-000/105-604		831-3604		831-3604/108-000		832-3604															
THT male headers, 733 Series				THT male headers, 734 Series				THT double-deck male headers, 734 Series		THT male headers, 734 Series		THT male headers with separators, 713 Series		THT male headers, 714 Series		Male connectors, 721 Series		Male connectors with snap-in mounting feet, 721 Series		Male connectors, 231 Series		Male connectors with snap-in mounting feet, 231 Series		Male connectors with snap-in mounting feet, 231 Series		Male connectors with snap-in mounting feet, 231 Series		Male connectors with snap-in mounting feet, 723 Series		Male connectors with snap-in mounting feet, 723 Series		Male connectors with snap-in mounting feet, 723 Series		Male connectors, 731 Series		Male connectors with snap-in mounting feet, 731 Series		Male connectors with snap-in mounting feet, 731 Series		Male connectors, 831 Series		Male connectors with levers, 831 Series		Male connectors with levers, 832 Series													
733-336 733-366				734-136 734-166				734-406 734-406/001-000		734-135/105-604 734-166/105-604		713-1408/037-000 713-1428/037-000		714-136 714-166		721-135/001-000 721-435/001-000		231-136/001-000 231-436/001-000		231-136/040-000		231-336/108-000		232-336		231-135/001-000/105-604 231-435/001-000		721-235/001-000 721-835/001-000		231-236/001-000 231-836/001-000		231-240/040-000		231-236/001-000/105-604 231-836/001-000/105-604		831-3604		831-3604/108-000		832-3604																	
Male connectors, 733 Series				Male connectors with snap-in mounting feet, 734 Series				Male connectors with threaded flanges, 734 Series		Combi strips, 734 Series		THT male headers with threaded flanges, 713 Series		Male connectors, 721 Series		Male connectors with snap-in mounting feet, 721 Series		Male connectors with snap-in and threaded flanges, 231 Series		Male connectors with snap-in and threaded flanges, 231 Series		Male connectors with snap-in and threaded flanges, 231 Series		Male connectors with snap-in and threaded flanges, 231 Series		Male connectors with snap-in flanges, 723 Series		Male connectors with snap-in flanges, 723 Series		THT female headers, 722 Series		THT female headers with mounting flanges, 722 Series		THT female headers with mounting flanges, 722 Series		THT female headers with mounting flanges, 722 Series		THT female headers with mounting flanges, 722 Series		Male connectors for rail-mount terminal blocks, 231 Series		Female connectors for rail-mount terminal blocks, 232 Series		Female connectors for rail-mount terminal blocks with locking levers, 232 Series		THT female headers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers, 831 Series		Male connectors with threaded flanges, 831 Series		Male connectors with levers and mounting adapters, 832 Series	
0.08 ... 0.5 mm ² /28 ... 20 AWG 733-206				0.08 ... 1.5 mm ² /28 ... 14 AWG 734-306				0.08 ... 1.5 mm ² /28 ... 14 AWG 734-306/019-000		0.08 ... 1.5 mm ² /28 ... 14 AWG 734-364		713-1408/107-000 713-1428/107-000		721-605		0.08 ... 2.5 mm ² /28 ... 12 AWG 721-605		0.08 ... 2.5 mm ² /28 ... 12 AWG 721-605/018-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-606		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-606/018-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-606/019-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 231-606/019-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 723-605		0.08 ... 2.5 mm ² /28 ... 12 AWG 723-605/018-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 723-605/019-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 731-606		0.08 ... 2.5 mm ² /28 ... 12 AWG 731-606/018-000		0.08 ... 2.5 mm ² /28 ... 12 AWG 731-606/019-000		0.5 ... 10 mm ² /20 ... 8 AWG 831-3204		0.5 ... 10 mm ² /20 ... 8 AWG 831-1204		0.75 ... 25 mm ² /18 ... 4 AWG 832-1204													
THT female headers, 734 Series				THT female headers with locking levers, 734 Series				THT female headers with locking levers, 734 Series		THT female headers with locking levers, 734 Series		THT female headers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers with locking levers, 232 Series		Female connectors for rail-mount terminal blocks with locking levers, 232 Series		Female connectors for rail-mount terminal blocks with locking levers, 232 Series		THT female headers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers with locking levers, 722 Series		THT female headers, 831 Series		Male connectors with threaded flanges, 831 Series		Male connectors with levers and mounting adapters, 832 Series															
734-466 734-536				734-466/037-00 734-536/037-000								722-135 722-235		722-135/039-000 722-235/039-000		722-135/031-000 722-235/047-000		722-135/047-000 722-235/047-000		232-136 232-236		232-136/039-000 232-236/039-000		231-166/003-000		232-136/005-000 232-236/005-000		232-136/005-000/039-000 232-236/005-000/039-000		722-735 722-835		722-735/039-000 722-835/039-000		722-735/031-000 722-835/031-000		232-736 232-836		232-736/039-000 232-836/039-000		232-736/031-000 232-836/031-000		831-3504		0.5 ... 10 mm ² /20 ... 8 AWG 831-3204/007-000		0.75 ... 25 mm ² /18 ... 4 AWG 832-1204/036-000											

THR Through-hole reflow soldering Only available in this pin spacing * 100% protected against mismatching

CAGE CLAMP® The universal connection for solid, stranded and fine-stranded conductors. To Use: Open the clamping unit, insert conductor, release the clamp.

PUSH-IN CAGE CLAMP® The universal connection with an additional advantage: Push-in – To Use: Open the clamping unit, insert conductor, release the clamp.

Terminate both solid and ferruled conductors by simply pushing them in – no operating tool needed.