The Complete MCS Range – **MULTI CONNECTION SYSTEM**

Pin spacing: 2.5 mm

Conductor range: 0.08 ... 0.5 mm²

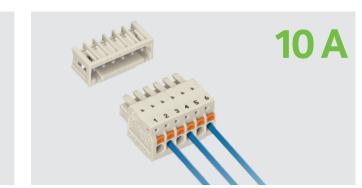
The "Most Compact" MCS MICRO System with CAGE CLAMP® Connection:

- 100% protected against mismating
- 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
- Through-hole reflow (THR) versions

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 mismating
- Wire-to-board, wire-to-wire, board-to-board and boardto-wire connections
- Custom coding options
- 3 actuation options: lever, push-button and operating
- Through-hole reflow (THR) versions



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 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
- 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
- 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

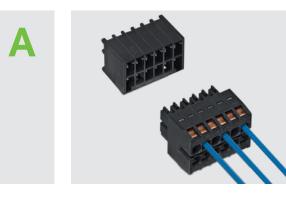
Pin spacing: 3.5 mm

Conductor range: 0.08 ... 1.5 mm²

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

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

10 A



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

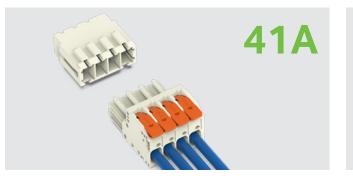
MAXI 16

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
- Wire-to-board and wire-to-wire connections
- Custom coding options
- 600 V per UL 1059 for standard male and female
- Push-in termination of solid conductors and fine-stranded conductors with ferrules





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MULTI CONNECTION SYSTEM (MCS)

Product Overview



MCS - MULTI CONNECTION SYSTEM

release the clamp.

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Product Overv																							
2.5 mm MICRO* Female connectors,	Female connectors,	nm, 3.81 mm MINI 100% Mismati Female connectors with	Female connectors with levers,	3.5 mm MINI HD* Female connectors,	3.5 mm MINI SL Female connectors with push-		Female connectors with		ers, 2-conductor female connect	tors, Female connectors,	Female connectors with	5 mm, 5.08 mm MIDI Cla		ctors, Angled female connectors,	Female connectors,	7.5 mm MIDI 100% Mismating Pro Female connectors with	tection 2-conductor female connectors,	Female connectors,	7.5 mm, 7.62 mm MIDI Classi Female connectors with	2-conductor female connectors,	, Female connectors,	2 mm MAXI 6 Female connectors with levers,	10.16 mm MAXI 16 Female connectors with levers,
733 Series	734 Series	push-buttons, 2734 Series PUSHIN CAGE CLAME	2734 Series 3.5	713 Series	buttons, 714 Series PUSHIN CAGE CIAMP	721 Series	push-buttons, 2721 Series /PUSHIN CAGE CIAM	2721 Series	721 Series AMP 7 / PUSH-IN CAGE CL	231 Series	push-buttons, 2231 Series PUSHIN CAGE CIAN	with levers, 2231 Series WP7 /PUSH-IN CAGE CI	231 Series 231 Series [PUSH-IN CAGE CLAMP 7]	232 Series	721 Series	push-buttons, 2721 Series /PUSH-IN CAGE CLAMP	721 Series /PIISHIN CAGE CIAMP 7	231 Series	push-buttons, 2231 Series (PUSH-IN CAGE CLAME	231 Series /PLISHAIN CAGE CLAMP	831 Series (PLISHIN CAGE CL.	831 Series AMP / /PIJSHJN CAGE CIAM	832 Series /PLISHIN CAGE CLAMP
0.08 0.5 mm² / 28 20 AWG 733-106	0.08 1.5 mm² / 28 14 AWG 734-106		0,14 1.5 mm² / 26 14 2734-1106/327-000	0.08 1.5 mm² / 28 16 AWG 713-1108	0.2 1.5 mm² / 24 16 AWG 714-106	0.08 2.5 mm² / 28 12 AWG 721-105/026-000	i 0.2 2.5 mm²/ 24 12 AWG 2721-106/026-000	0.2 2.5 mm²/ 24 12 AW 2721-1106/326-000	0.2 2.5 mm ² /24 12 AW0 721-2106/026-000	0.08 2.5 mm² / 28 12 231-106/026-000	AWG 0.2 2.5 mm²/24 12 AW 2231-106/026-000	O.2 2.5 mm ² /24 12 AW 2231-1106/327-000			0.08 2.5 mm ² /28 12 AWG 721-205/026-000	G 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 mm² /28 12 AW 231-206/026-000	G 0.2 2.5 mm ² /24 12 AWG 2231-206/026-000	0.2 2.5 mm² / 24 12 AWG 231-2206/026-000	0.5 10 mm² / 20 8 AWG 831-3104	0.5 10 mm² / 20 8 AWG 831-1104	0.75 25 mm² / 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 level 2734 Series	2734 Series 3.8	separators, 713 Series		Female connectors with locking levers, 721 Series	Female connectors with push-buttons and locking leve 2721 Series	Female connectors with levers and locking levers 2721 Series	2-conductor female connect with locking levers, 721 Series	tors Female connectors with locking levers, 231 Series	Female connectors with push-buttons and locking lev 2231 Series	2231 Series	with locking levers, 231 Series	ctors Female connectors with snap-in mounting feet for panel mounting 731 Series		Female connectors with push-buttons and locking lever 2721 Series [PUSH-IN CAGE CLAMF]	721 Series	Female connectors with locking levers, 231 Series	Female connectors with push-buttons and locking levers 2231 Series (PUSH-IN CAGE CLAMP)	2-conductor female connectors s, 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
<u>CAGE CLAMP®</u> 0.08 0.5 mm² / 28 20 AWG 733-106/037-000	/CAGE CLAMI 0.08 1.5 mm²/ 28 14 AWG 734-106/037-000	P) PUSH-IN CAGE CLA! 0.2 1.5 mm²/ 24 14 AWG 2734-106/037-000	<u>AP⁹</u> (<u>PUSH-IN CAGE CLAM</u> 0,14 1.5 mm² / 26 14 2734-1106/038-000	0.08 1.5 mm ² / 28 16 AWG 713-1108/037-000	9	/ <u>CAGE CLA</u> 0.08 2.5 mm ² / 28 12 AWG 721-105/037-000	MP ⁹ (FO3H-IN CAGE CL) i 0.2 2.5 mm ² /24 12 AWG 2721-106/037-000	6 0.2 2.5 mm² / 24 12 AWG 2721-1105/037-000	i 0.2 2.5 mm² / 24 12 AW (721-2106/037-000	CAGE 0.08 2.5 mm²/28 12 /	AWG 0.2 2.5 mm²/ 24 12 AW 2231-106/037-000	[AMP] [PUSH-IN CAGE CI PUSH-IN CAGE CI O.2 2.5 mm²/24 12 AW 2231-1106/038-000	/G 0.2 2.5 mm² / 24 12 A\ 231-2106/037-000	MP" / CAGE CLAMP" / VG 0.08 2.5 mm² / 28 12 AWG 731-505/008-000	0.08 2.5 mm ² / 28 12 AW0	G 0.2 2.5 mm²/ 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 AW 231-206/037-000	G 0.2 2.5 mm²/ 24 12 AWG 2231-206/037-000	J <u>/PUSH-IN CAGE CLAM</u> 0.2 2.5 mm ² / 24 12 AWG 231-2206/037-000	PUSH-IN CAGE CLA 0.5 10 mm²/ 20 8 AWG 831-3104/037-000	AMP*) (PUSH-IN CAGE CLAM 0.5 10 mm² / 20 8 AWG 831-1104/038-000	PUSH-IN CAGE CLAMP 0.75 25 mm² / 18 4 AWG 832-1104/037-000
	Female connectors with screw flanges, 734 Series	Female connectors with push-buttons and screw flange 2734 Series 3. AMP® /PUSHIN CAGE CLAMI	Female connectors with levers and center locking levers 2734 Series PUSH-IN CAGE CLAM	Female connectors with screw flanges, 713 Series // CAGE CLAM	p ⁸ /	Female connectors with snap-imounting feet, 721 Series		MP?	Angled female connectors, 722 Series	Female connectors with sr mounting feet, 231 Series		Female connectors with leve and center locking levers, 2231 Series [PUSH-IN CAGE CI	ers 2-conductor female conne with screw flanges, 231 Series [PUSHIN CAGE CLA	Female connectors with flanges from panel mounting, 731 Series CAGE CLAMP*		Female connectors with push-buttons and snap-in mounting feet, 2721 Series PUSH-IN CAGE CLAM	Female connectors with snap-in feet for panel mounting, 721 Series CAGE CLAMP	Female connectors with snap mounting feet, 231 Series	-in Female connectors with push-buttons and snap-in mounting feet, 2231 Series	Female connectors with flanges of snap-in mounting feet for panel mounting, 731 Series 7,5	Female connectors with screw flanges, 831 Series PUSH-IN CAGE CLA	Female connectors with levers and center locking levers, 831 Series PUSHIN CAGE CLAM	Female connectors with levers and center locking levers 832 Series PUSH-IN CAGE CLAMP
THT male headers.	0.08 1.5 mm²/ 28 14 AWG 734-106/107-000 Female connectors with snap-	2734-106/107-000	0,14 1.5 mm² / 26 14 2734-1106/328-000 THT male headers with	0.08 1.5 mm ² / 28 16 AWG 713-1108/107-000 THT male headers,		0.08 2.5 mm² / 28 12 AWG 721-105/008-000 Female connectors with	0.2 2.5 mm ² / 24 12 AWG 2721-106/008-000 Female connectors with		0.08 2.5 mm² / 28 12 AV 722-205/026-000	0.08 2.5 mm² / 28 12 a 231-106/008-000 res for Female connectors with	0.2 2.5 mm² / 24 12 AW 2231-106/008-000 Female connectors with	G 0.2 2.5 mm²/ 24 12 AW 2231-1106/328-000	/G 0.2 2.5 mm²/ 24 12 AV 231-2306/107-000 Female connectors with scre	731-505/031-000	0.08 2.5 mm² / 28 12 AW (721-205/008-000 Female connectors with	G 0.2 2.5 mm²/ 24 12 AWG 2721-206/008-000 Female connectors with	0.08 2.5 mm² / 28 12 AWG 721-335/008-000 Female connectors with flanges	0.08 2.5 mm² / 28 12 AW 231-206/008-000 Female connectors with	0.2 2.5 mm²/ 24 12 AWG 2231-206/008-000 Female connectors with	0.08 2.5 mm² / 28 12 AWG 731-535/031-000 Angled female connectors,	0.5 10 mm ² / 20 8 AWG 831-3104/107-000 Female connectors with levers	0.5 10 mm²/ 20 8 AWG 831-1104/322-000 S Female connectors with levers	0.75 25 mm² / 18 4 AWG 832-1104/322-000 Female connectors with levers
733 Series THR	mounting feet, 734 Series	push-buttons and mounting flanges, 2734 Series	threaded flanges, 734 Series	713 Series	R	mounting flanges, 721 Series /CAGE CLA	push-buttons and mounting flanges, 2721 Series PUSHIN CAGE CLAN	₽ ⁹	panel mounting, 721 Series	mounting flanges, 231 Series CAGE	push-buttons and mounting flanges, 2231 Series CLAMP® PUSH-IN CAGE CL.	AMP")	flanges, 231 Series	jush-buttons and screw flange 2231 Series 5.08 /PUSHIN CAGE CLAMP*		push-buttons and mounting flanges, 2721 Series /PUSHIN CAGE CLAN	for panel mounting, 721 Series	mounting flanges, 231 Series /CAGE CLA.	push-buttons and mounting flanges, 2231 Series [PUSH-IN CAGE CLAN]	732 Series CAGE CLAMP	and mounting adapters, 831 Series [PUSH-IN CAGE CL	and mounting adapters, 831 Series [PUSH-IN CAGE CLAMP]	and mounting adapters, 832 Series [PUSH-IN CAGE CLAMF]
733-336/105-604 733-366/105-604	0.08 1.5 mm² / 28 14 AWG 734-106/008-000	2734-106/031-000	734-166/108-000	713-1408 713-1428		0.08 2.5 mm ² / 28 12 AWG 721-105/031-000	0.2 2.5 mm² / 24 12 AWG 2721-106/031-000		0.08 2.5 mm² / 28 12 AV 721-305/031-000	231-106/031-000	2231-106/031-000		0.08 2.5 mm² / 28 12 <i>A</i> 231-306/107-000	0.2 2.5 mm ² / 24 12 AWG 2231-306/107-000	0.08 2.5 mm² / 28 12 AW 6 721-205/031-000	G 0.2 2.5 mm ² / 24 12 AWG 2721-206/031-000	0.08 2.5 mm² / 28 12 AWG 721-335/031-000	0.08 2.5 mm² / 28 12 AW 231-206/031-000	2231-206/031-000	0.08 2.5 mm² / 28 12 AWG 732-106/026-000	0.5 10 mm² / 20 8 AWG 831-1104/306-000	0.5 10 mm² / 20 8 AWG 831-1104/038-000/306-000	0.75 25 mm² / 18 4 AWG 832-1104/306-000
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	THT male headers, 721 Series				THT male headers, 231 Series	THT male headers with mounting flanges, 231 Series	THT male headers with threaded flanges, 231 Series	Male headers for double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double-double	THT male headers, 231 Series	THT male headers, 721 Series			THT male headers, 231 Series	THT male headers with mounting flanges, 231 Series	THT male headers, 231 Series	THT male headers, 831 Series	THT male headers, 831 Series	THT male headers, 832 Series
733-336 733-366	734-136 734-166	734-406 734-406/001-000	734-135/105-604 734-165/105-604	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, 734 Series		Combi strips, 734 Series 3.5	THT male headers with threaded flanges, 713 Series		Male connectors, 721 Series CAGE CLAY		MP9		Male connectors, 231 Series		mounting flanges, 231 Series	А МР [®] ј		Male connectors, 723 Series CAGE CLAM		mounting flanges, 723 Series	Male connectors, 731 Series (CAGE CLAM	Male connectors with snap-in mounting feet, 731 Series (CAGE CLAMP)				
Male connectors,	0.08 1.5 mm ² / 28 14 AWG 734-306 Male connectors with snap-in	734-306/019-000	734-364	713-1408/107-000 713-1428/107-000		0.08 2.5 mm ² / 28 12 AWG 721-605 Male connectors with	 0.08 2.5 mm²/ 28 12 AW 721-605/018-000 Male connectors with 	G		231-606	AWG 0.08 2.5 mm²/ 28 12 AV 231-606/018-000 -in and Male connectors with thread	231-606/019-000	WG		0.08 2.5 mm² / 28 12 AW (723-605 Male connectors with	G 0.08 2.5 mm ² /28 12 AWG 723-605/018-000	0.08 2.5 mm² / 28 12 AWG 723-605/019-000 THT female headers,	0.08 2.5 mm² / 28 12 AW 731-606 Male connectors with	7G 0.08 2.5 mm ² / 28 12 AWG 731-606/018-000	0.08 2.5 mm² / 28 12 AWG 731-606/019-000	0.5 10 mm²/ 20 8 AWG 831-3204	0.5 10 mm² / 20 8 AWG 831-1204 on Male connectors with levers and	0.75 25 mm² / 18 4 AWG 832-1204 d Male connectors with levers and
733 Series	mounting feet, 734 Series	flanges, 734 Series CAGE CLAMP	mounting feet, 734 Series / <u>CAGE CLAM</u>	3.5 AP ⁹		snap-in flanges, 721 Series (CAGE CLAM)	mounting flanges, 721 Series CAGE CLA.	MP°J		threaded flanges, 231 Series	flanges, 231 Series CAGE CLA	snap-in flanges, 231 Series	лмр")		snap-in flanges, 723 Series		722 Series	snap-in flanges, 731 Series	AP T		DIN-35 rail, 831 Series PUSHIN CAGE CLA	mounting adapters, 831 Series AMP PUSHIN CAGE CLAM	mounting adapters, 832 Series AP* PUSH-IN CAGE CLAMP
0.08 0.5 mm²/ 28 20 AWG 733-206	0.08 1.5 mm² / 28 14 AWG 734-306/018-000	0.08 1.5 mm ² /28 14 AWG 734-306/109-000	0.08 1.5 mm² / 28 14 AWG 734-366/008-000			0.08 2.5 mm ² / 28 12 AWG 721-606/114-000	0.08 2.5 mm² / 28 12 AW 721-605/019-000			231-636/129-000	AWG 0.08 2.5 mm ² /28 12 AV 231-636/109-000	NG 0.08 2.5 mm²/ 28 12 A' 231-606/114-000	WG		0.08 2.5 mm² / 28 12 AW (723-606/114-000	G	722-735	0.08 2.5 mm² / 28 12 AW 731-606/114-000	'G		0.5 10 mm²/ 20 8 AWG 831-3204/007-000	0.5 10 mm² / 20 8 AWG 831-1204/306-000	0.75 25 mm ² / 18 4 AWG 832-1204/306-000
	THT female headers, 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 mounting flanges, 722 Series	THT female headers with spacers, 722 Series	THT female headers, 232 Series	THT female headers with locking levers, 232 Series	Male connectors for rail-mo terminal blocks, 231 Series	Female connectors for rail- 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 mounting flanges, 722 Series	THT female headers, 232 Series	THT female headers with locking levers, 232 Series	THT female headers with mounting flanges, 232 Series	THT female headers, 831 Series	Male connectors with threaded flanges, 831 Series PUSH-IN CAGE CLAMP ³	1
	734-466 734-536	734-466/037-00 734-536/037-000				722-135 722-235	722-135/039-000 722-235/039-000	722-135/031-000 722-235/031-000	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 mm²/ 20 8 AWG 831-3204/109-000	
THR Through-hole ref	ow soldering	Only available in the	nis pin spacing *	100% protected against mis	smating	CAGE CLAMP®	The universal connector	tion for solid, stranded a	nd fine-stranded conduct	tors. To Use: Open the clan	nping unit, insert conductor,	PUSH-IN CA	AGE CLAMP® The	universal connection with an	n additional advantage: Pu	sh-in – To use: Open the cla	mping unit, insert conductor,	, Terminate both s	solid and ferruled conductors	by simply pushing them in –	- no operating tool needed.		

release the clamp.