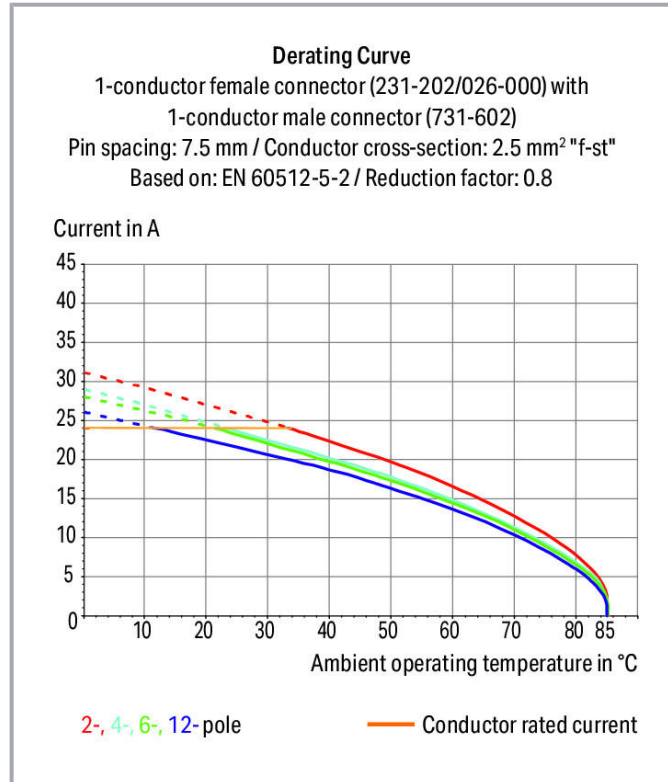
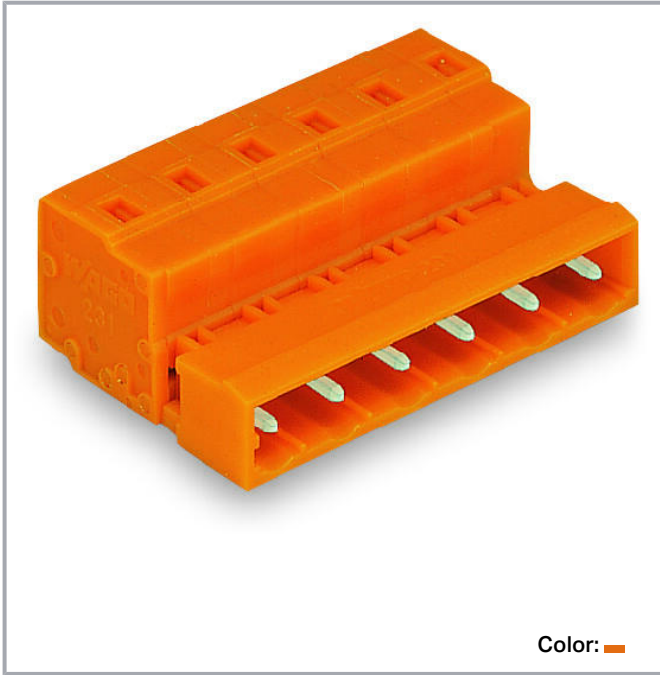


Data sheet | Item number: 731-636

1-conductor male connector; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; 2,50 mm²; orange



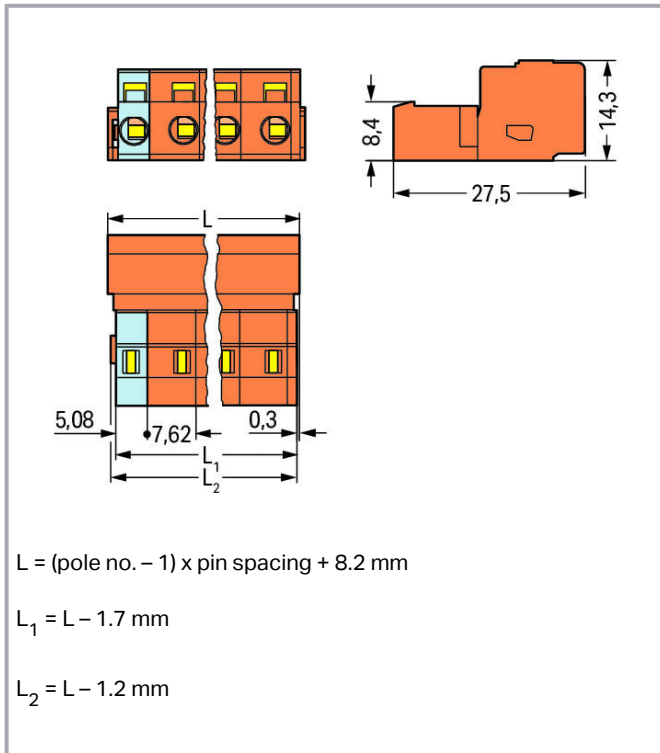
www.wago.com/731-636



Subject to changes. Please also observe the further product documentation!

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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- For wire-to-wire and board-to-wire connections
- Versions available with snap-in mounting feet or flanges for panel or through-panel mounting
- With coding fingers

Safety information 1:

The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Data

Electrical data

Ratings per IEC/EN

Ratings per

IEC/EN 60664-1

Subject to changes. Please also observe the further product documentation!

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Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated voltage (III/2)	630 V
Rated surge voltage (III/2)	6 kV
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	6 kV
Rated current	12 A
Legend (ratings)	(III / 2) \triangleq Overvoltage category III / Pollution degree 2

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

Ratings per UL

Rated voltage UL 1977	600 V
Rated current UL 1977	15 A

Ratings per CSA

Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Pole No.	6

Subject to changes. Please also observe the further product documentation!



Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	1
Conductor entry direction to mating direction	0°

Physical data

Pin spacing	7.62 mm / 0.3 inch
Width	46.38 mm / 1.826 inch
Height	14.3 mm / 0.563 inch
Depth	27.5 mm / 1.083 inch

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	No

Material data

Color	orange
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.207 MJ
Weight	10.8 g

Environmental requirements

Limit temperature range	-60 ... +100 °C
-------------------------	-----------------

Commercial data

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918268004

Subject to changes. Please also observe the further product documentation!

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Customs tariff number




85366990990

Approvals / Certificates



Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-39756
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	2190761.01

Ship Approvals













Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1869876- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE000016Z
	LR Lloyds Register	IEC 61984	96/20035 (E5)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	E45172
	UR Underwriters Laboratories Inc.	UL 1977	20130906- E45171

Subject to changes. Please also observe the further product documentation!

Counterpart

	Item no.2231-706/008-000 1-conductor female plug; push-button; Snap-in mounting feet; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/2231-706/008-000
	Item no.2231-706/031-000 1-conductor female plug; push-button; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/2231-706/031-000
	Item no.2231-706/026-000 1-conductor female plug; push-button; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/2231-706/026-000
	Item no.2231-706/037-000 1-conductor female plug; push-button; Locking lever; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/2231-706/037-000
	Item no.231-2706/026-000 2-conductor female connector; with integrated end plate; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-2706/026-000
	Item no.231-2706/037-000 2-conductor female connector; Locking lever; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-2706/037-000
	Item no.231-706/008-000 1-conductor female plug; Snap-in mounting feet; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-706/008-000
	Item no.231-706/026-000 1-conductor female plug; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-706/026-000
	Item no.231-706/027-000 1-conductor female plug; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-706/027-000
	Item no.231-706/031-000 1-conductor female plug; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-706/031-000
	Item no.231-706/037-000 1-conductor female plug; Locking lever; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	www.wago.com/231-706/037-000
	Item no.232-766/031-000 THT female header; 0.6 x 1.0 mm solder pin; straight; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; orange	www.wago.com/232-766/031-000

Item no.232-766/039-000

Subject to changes. Please also observe the further product documentation!



THT female header; 0.6 x 1.0 mm solder pin; straight; Locking lever; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-766/039-000



Item no.232-766
THT female header; 0.6 x 1.0 mm solder pin; straight; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-766



Item no.232-766/045-000
THT female header; 0.6 x 1.0 mm solder pin; straight; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-766/045-000



Item no.232-766/047-000
THT female header; 0.6 x 1.0 mm solder pin; straight; Spacer flange; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-766/047-000



Item no.232-866
THT female header; 0.6 x 1.0 mm solder pin; angled; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-866



Item no.232-866/031-000
THT female header; 0.6 x 1.0 mm solder pin; angled; clamping collar; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-866/031-000






Item no.232-866/039-000
THT female header; 0.6 x 1.0 mm solder pin; angled; Locking lever; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-866/039-000



Item no.232-866/045-000
THT female header; 0.6 x 1.0 mm solder pin; angled; 2.5 mm²; Pin spacing 7.62 mm; 6-pole; orange www.wago.com/232-866/045-000

Compatible products

















Insulation stop

	Item no.: 231-673 Insulation stop; 0.08-0.2 mm ² / 0.2 mm ² "s"; white www.wago.com/231-673
	Item no.: 231-674 Insulation stop; 0.25 - 0.5 mm ² ; light gray www.wago.com/231-674
	Item no.: 231-675 Insulation stop; 0.75 - 1 mm ² ; dark gray www.wago.com/231-675


Marking accessories

Item no.: 210-331/762-202 Marking strips; as a DIN A4 sheet; MARKED; 1-16 (100x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white www.wago.com/210-331/762-202











Subject to changes. Please also observe the further product documentation!

	Item no.: 210-332/762-020 Marking strips; as a DIN A4 sheet; MARKED; 1-20 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white	www.wago.com/210-332/762-020
	Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white	www.wago.com/210-833
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white	www.wago.com/210-834
ferrule		
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-106
	Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-121
	Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-122
	Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-123
	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-124
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-131
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-132
	Item no.: 216-141 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	www.wago.com/216-141
	Item no.: 216-142 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	www.wago.com/216-142
	Item no.: 216-143 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	www.wago.com/216-143

Subject to changes. Please also observe the further product documentation!

	Item no.: 216-144 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored	www.wago.com/216-144
	Item no.: 216-151 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-151
	Item no.: 216-152 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-152
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
	Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-223
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-224
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
	Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-262
	Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-263

Subject to changes. Please also observe the further product documentation!

	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-284
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-302
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-322
General accessories		
	Item no.: 231-669 Lockout caps; for covering unused clamping units; orange	www.wago.com/231-669
tools		
	Item no.: 210-657 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured	www.wago.com/210-657
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
	Item no.: 231-131 Push-button; loose	www.wago.com/231-131
	Item no.: 231-291 Operating tool; loose; red	www.wago.com/231-291
Coding		
	Item no.: 231-130 Coding key; snap-on type; light gray	www.wago.com/231-130

Downloads

Documentation

Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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CAD/CAE-Data

CAD data

Subject to changes. Please also observe the further product documentation!

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2D/3D Models 731-636	URL	Download
CAE data		
EPLAN Data Portal 731-636	URL	Download
ZUKEN Portal 731-636	URL	Download

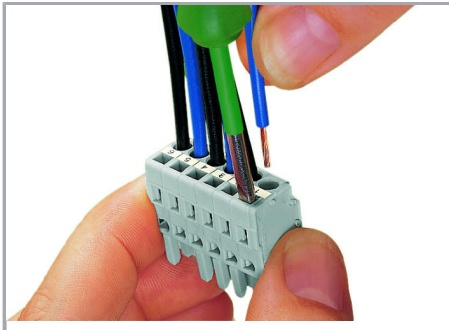
Environmental Product Compliance

Compliance Search

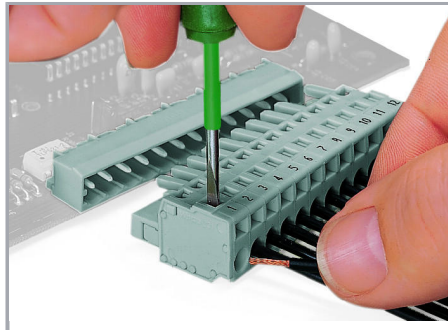
Environmental Product Compliance 731-636 1-conductor male connector; 2.5 mm ² ; Pin spacing 7.62 mm; 6-pole; 2,50 mm ² ; orange	URL	Download
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Installation Notes

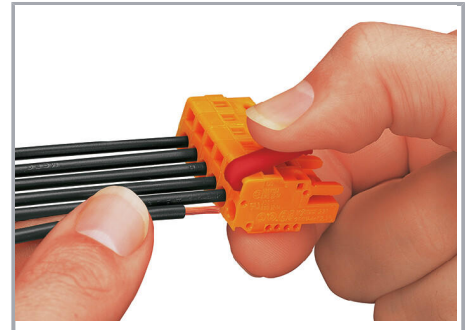
Conductor termination



Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation parallel to conductor entry.

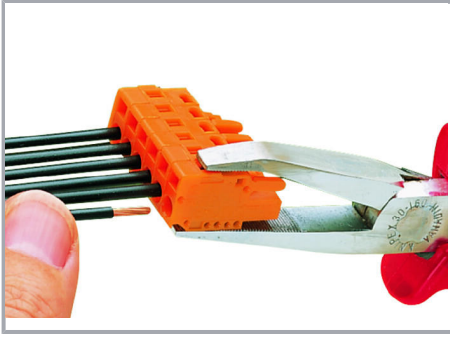


Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.



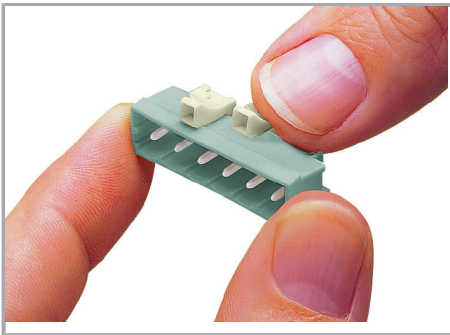
Inserting a conductor into CAGE CLAMP® unit via operating lever (231-291).

Subject to changes. Please also observe the further product documentation!



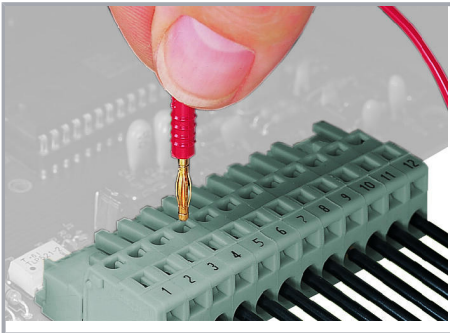
Inserting a conductor via operating tool.

Coding



Coding a male header – fitting coding key(s).

Testing

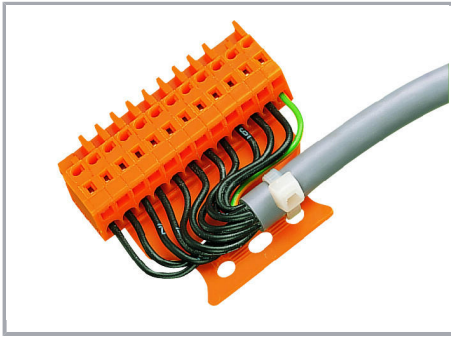


Testing – female connector with CAGE CLAMP®

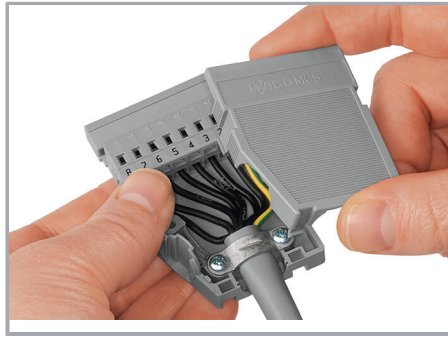
Integrated test ports for testing perpendicular to conductor entry via 2 or 2.3 mm Ø test plug

Installation

Subject to changes. Please also observe the further product documentation!

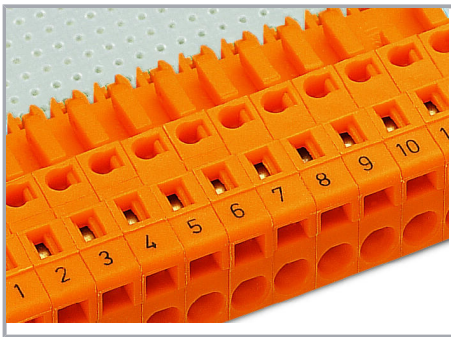


Male connector with strain relief plate



Strain relief housing shown with a male connector equipped with CAGE CLAMP®

Marking



Labeling via direct marking or self-adhesive strips.

Product family

MCS MIDI Classic

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!