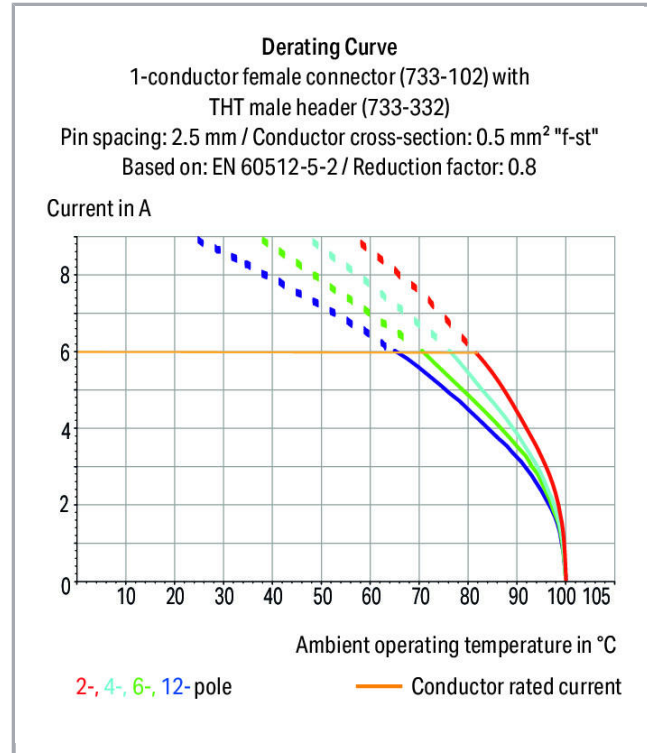


Fișă tehnică | Număr articol: 733-105/037-000

1-conductor female plug; 100% protected against mismatching; Locking lever;
0.5 mm²; Pin spacing 2.5 mm; 5-pole; 0,50 mm²; light gray

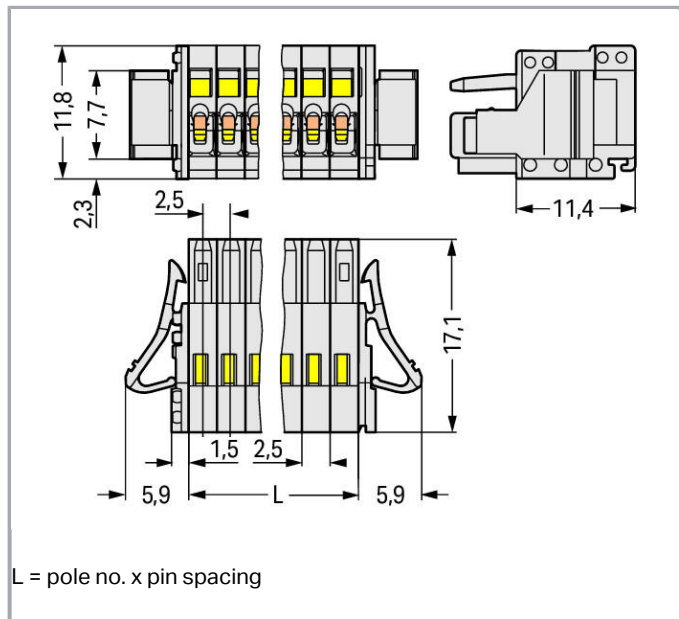
www.wago.com/733-105/037-000



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Descriere articol

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- Strain relief plates for factory and in-the-field assembly
- 100% protected against mismatching
- Coding via 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.

Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	100 V
Rated surge voltage (III/3)	2,5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2,5 kV
Nominal voltage (II/2)	320 V

Supus modificărilor.

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Rated surge voltage (II/2)	2,5 kV
Rated current	6 A
Legend (ratings)	(III / 2) \triangleq Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	150 V
Rated current UL (Use Group B)	4 A
Approvals per	UL 1059

Approvals per CSA

Rated voltage CSA (Use Group B)	150 V
Rated current CSA (Use Group B)	4 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0,08 ... 0,5 mm ² / 28 ... 20 AWG
Fine-stranded conductor	0,08 ... 0,5 mm ² / 28 ... 20 AWG
Fine-stranded conductor; with insulated ferrule	0,25 ... 0,34 mm ²
Fine-stranded conductor; with uninsulated ferrule	0,25 ... 0,34 mm ²
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch
Pole No.	5
Total number of connection points	5
Total number of potentials	5
Number of connection types	1
Number of levels	1
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	2,5 mm / 0.098 inch
Width	24,3 mm / 0.957 inch
Height	11,8 mm / 0.465 inch
Depth	17,1 mm / 0.673 inch

Plug connection

Contact type (pluggable connector)	Female connector/socket
------------------------------------	-------------------------

Supus modificărilor.

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Aveți întrebări despre produsele noastre?
 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Connector (connection type)	for conductor
Mismating protection	Yes
Locking of plug-in connection	locking lever

Material Data

Color	light gray
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0,053 MJ
Weight	2,6 g

Environmental Requirements


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

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	DE
GTIN	4045454215613
Customs tariff number	85366990990

Aprobări / certificate

UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	20190122- E45172

Supus modificărilor.

Counterpart

**Nr. articol**733-2051-conductor male connector; 100% protected against mismatching; 0.5 mm²; Pin spacing 2.5 mm; 5-pole; 0,50 mm²; light graywww.wago.com/733-205**Nr. articol**733-335

THT male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Pin spacing 2.5 mm; 5-pole; light gray

www.wago.com/733-335**Nr. articol**733-365

THT male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Pin spacing 2.5 mm; 5-pole; light gray

www.wago.com/733-365

Produse compatibile

ferrule

**Nr. articol:** 216-131Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-131**Nr. articol:** 216-132Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-132**Nr. articol:** 216-151Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-151**Nr. articol:** 216-152Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-152**Nr. articol:** 216-301Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-301**Nr. articol:** 216-302Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; greenwww.wago.com/216-302**Nr. articol:** 216-321Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-321**Nr. articol:** 216-322Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; greenwww.wago.com/216-322

Marking accessories

Nr. articol: 210-331/250-202

Supus modificărilor.

Marking strips; as a DIN A4 sheet; MARKED; 1-16 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

www.wago.com/210-331/250-202

Nr. articol: 210-331/250-204

Marking strips; as a DIN A4 sheet; MARKED; 17-32 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

www.wago.com/210-331/250-204

Nr. articol: 210-331/250-206

Marking strips; as a DIN A4 sheet; MARKED; 33-48 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

www.wago.com/210-331/250-206

Nr. articol: 210-331/250-207

Marking strips; as a DIN A4 sheet; MARKED; 1-48 (100x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

www.wago.com/210-331/250-207

check



Nr. articol: 735-500

Test pin; 1 mm Ø; with solder connection for test wire

www.wago.com/735-500

Strain relief plate



Nr. articol: 734-128

Strain relief plate; 12.5 mm wide; light gray

www.wago.com/734-128

tools



Nr. articol: 210-251

Operating tool; for MCS MICRO & MINI with CAGE CLAMP® connection; yellow

www.wago.com/210-251



Nr. articol: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719



Nr. articol: 233-331

Operating tool; insulated; yellow

www.wago.com/233-331



Nr. articol: 233-332

Operating tool; made of insulating material

www.wago.com/233-332



Nr. articol: 233-335

Operating tool

www.wago.com/233-335



Nr. articol: 733-130

Operating tool; loose; natural

www.wago.com/733-130



Nr. articol: 733-191

Operating tool; loose; yellow

www.wago.com/733-191

Descărcări

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf

Descărcare

Supus modificărilor.

CAD/CAE-Data

CAD data

2D/3D Models 733-105/037-000

[URL](#)

[Descărcare](#)

CAE data

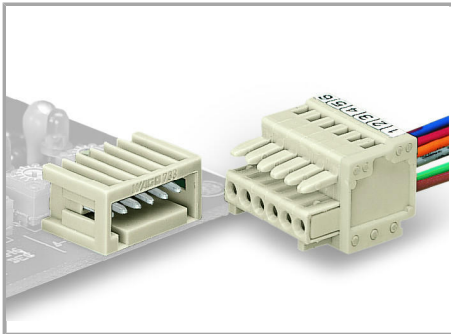
EPLAN Data Portal 733-105/037-000

[URL](#)

[Descărcare](#)

Installation Notes

Protected Against Mismatching

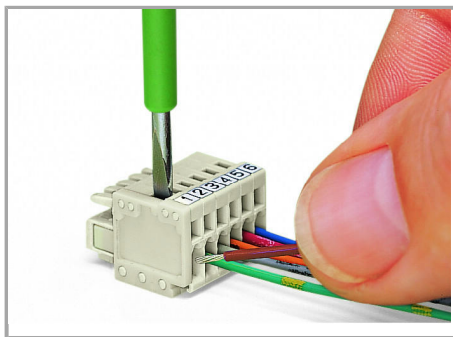


Male headers and female connectors are 100 % protected against mismatching.

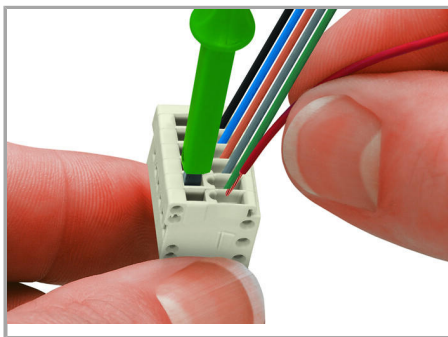
Only mating halves with the same pole number can be connected.

Inserting a conductor

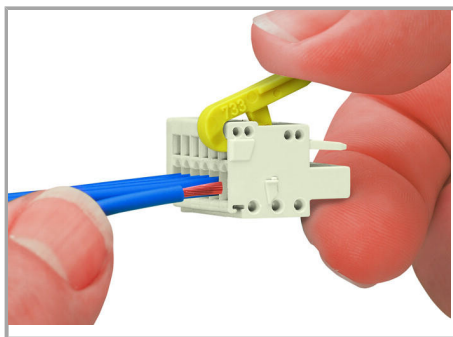
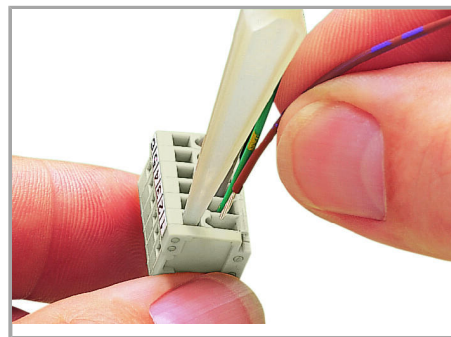
Supus modificărilor.



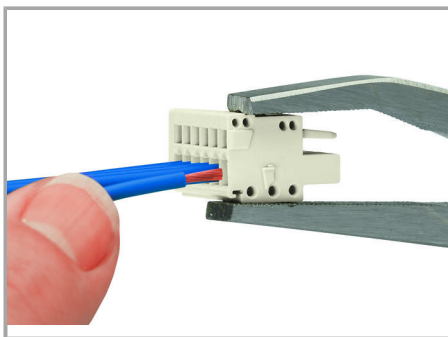
Inserting a conductor via (2.5 x 0.4) mm screwdriver. Operation is performed perpendicular to conductor entry.



Inserting a conductor via screwdriver (233-335) – CAGE CLAMP® actuation parallel to conductor entry.

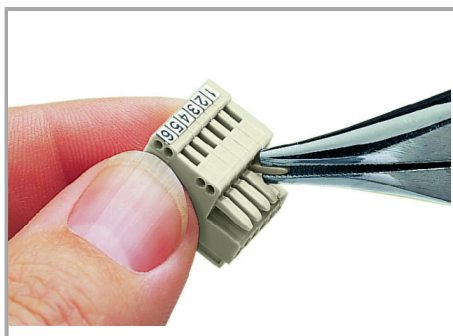


Inserting a conductor via 733-191 Operating Lever.



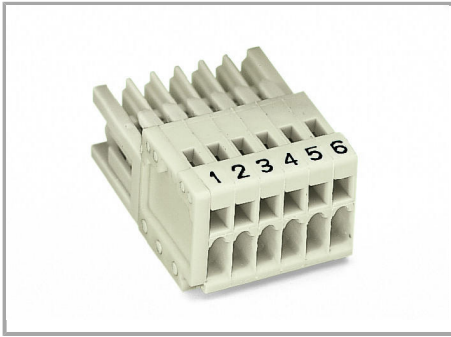
Inserting a conductor via 210-251 Operating Tool.

Coding

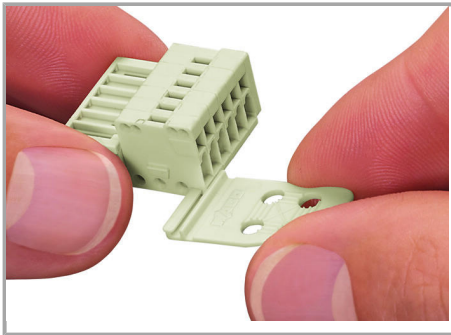


Coding a female connector – removing coding finger(s).

Supus modificărilor.

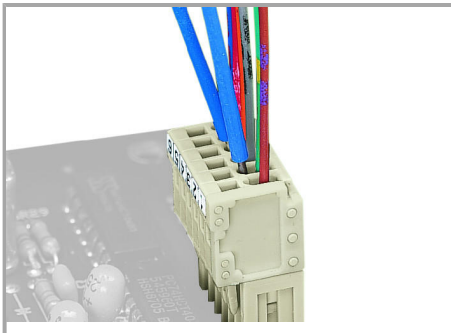


Assembly



Strain relief plates for factory or in-the-field assembly.

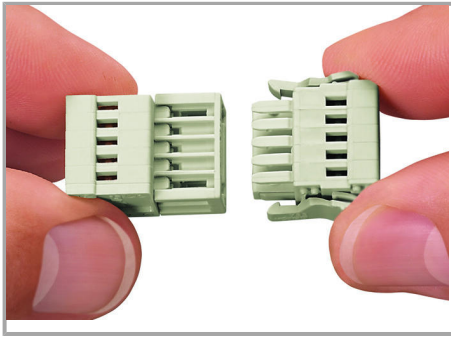
Testing



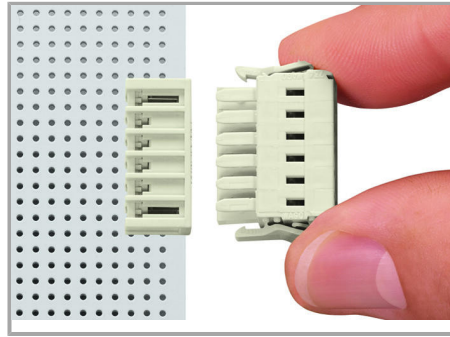
Testing via 1 mm Ø test pin (735-500) – touch contact.

Locking lever

Supus modificărilor.



Locking levers prevent accidental disconnection.



Locking levers prevent accidental disconnection.

Familie de produse

<i>MCS</i> MICRO

Afișare globală produse din familie.

Supus modificărilor.