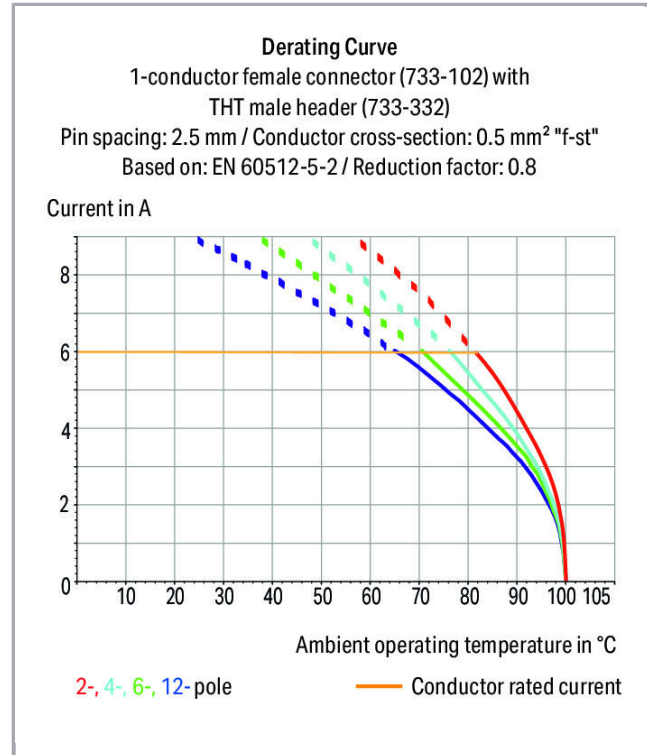


Fișă tehnică | Număr articol: 733-104

1-conductor female plug; 100% protected against mismatching; 0.5 mm²; Pin spacing 2.5 mm; 4-pole; 0,50 mm²; light gray

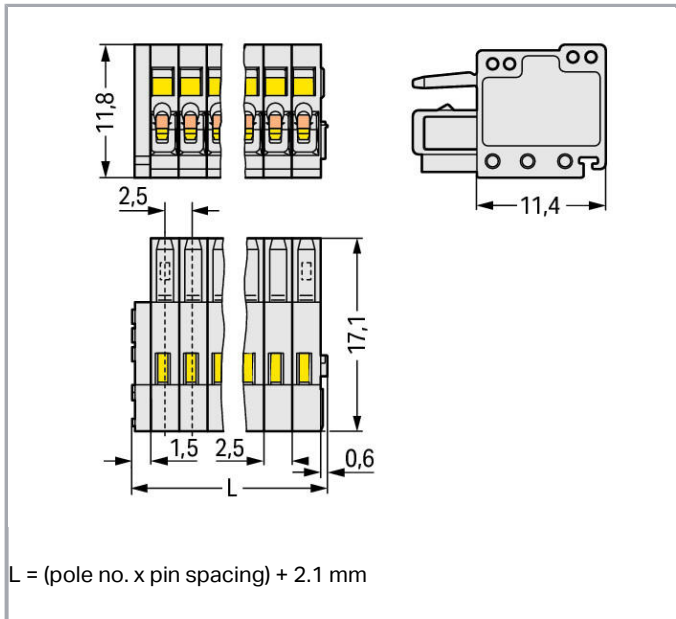
www.wago.com/733-104



Supus modificărilor.

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/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 *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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

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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.	4
Total number of connection points	4
Total number of potentials	4
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	12.1 mm / 0.476 inch
Height	11.8 mm / 0.465 inch
Depth	17.1 mm / 0.673 inch

Plug connection

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

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Connector (connection type)	for conductors
Mismating protection	Yes

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	0,034 MJ
Weight	1,8 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	4044918294003
Customs tariff number	85366990990




Aprobări / certificate

Country specific Approvals



Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 61984	2169534.01
	CSA DEKRA Certification B.V.	C22.2	1465035

Ship Approvals




Supus modificărilor.

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	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

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL UL International Germany GmbH	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	20190122- E45172

Counterpart

	Nr. articol 733-204 1-conductor male connector; 100% protected against mismatching; 0.5 mm ² ; Pin spacing 2.5 mm; 4-pole; 0,50 mm ² ; light gray	www.wago.com/733-204
	Nr. articol 733-204/032-000 1-conductor male connector; 100% protected against mismatching; Strain relief plate; 0.5 mm ² ; Pin spacing 2.5 mm; 4-pole; 0,50 mm ² ; light gray	www.wago.com/733-204/032-000
	Nr. articol 733-334/105-604 THR male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Pin spacing 2.5 mm; 4-pole; black	www.wago.com/733-334/105-604

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



Nr. articol733-334

THT male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismating; Pin spacing 2.5 mm; 4-pole; light gray

www.wago.com/733-334



Nr. articol733-334/105-604/997-446

THR male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismating; in tape-and-reel packaging; Pin spacing 2.5 mm; 4-pole; black

www.wago.com/733-334/105-604/997-446



Nr. articol733-364

THT male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismating; Pin spacing 2.5 mm; 4-pole; light gray

www.wago.com/733-364



Nr. articol733-364/105-604

THR male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismating; Pin spacing 2.5 mm; 4-pole; black

www.wago.com/733-364/105-604



Nr. articol733-364/105-604/997-406

THR male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismating; in tape-and-reel packaging; Pin spacing 2.5 mm; 4-pole; black

www.wago.com/733-364/105-604/997-406

Produse compatibile

Strain relief plate



Nr. articol: 734-127

Strain relief plate; light gray

www.wago.com/734-127

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

Supus modificărilor.



Nr. articol: 733-191
Operating tool; loose; yellow

www.wago.com/733-191

ferrule



Nr. articol: 216-131
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-131



Nr. articol: 216-132
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-132



Nr. articol: 216-151
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-151



Nr. articol: 216-152
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-152

Nr. articol: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-301



Nr. articol: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green

www.wago.com/216-302

Nr. articol: 216-321
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-321



Nr. articol: 216-322
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green

www.wago.com/216-322

check



Nr. articol: 735-500
Test pin; 1 mm Ø; with solder connection for test wire

www.wago.com/735-500

Marking accessories

Nr. articol: 210-331/250-202
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

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Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Descărcări Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
3,6 MB

[Descărcare](#)

CAD/CAE-Data

CAD data

2D/3D Models 733-104

[URL](#)

[Descărcare](#)

CAE data

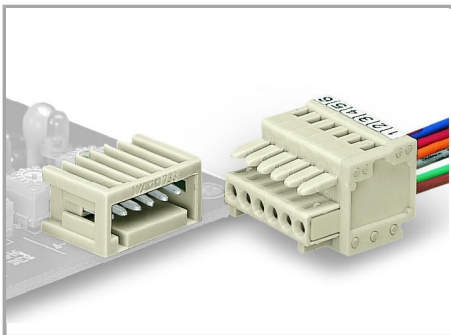
EPLAN Data Portal 733-104

[URL](#)

[Descărcare](#)

Installation Notes

Protected Against Mismatching

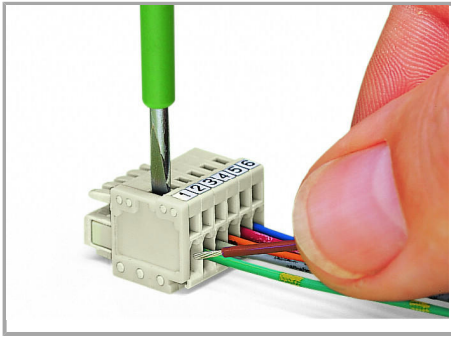


Male headers and female connectors are 100 % protected against mismatching.

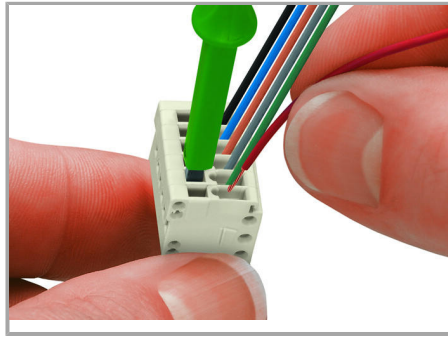
Only mating halves with the same pole number can be connected.

Inserting a conductor

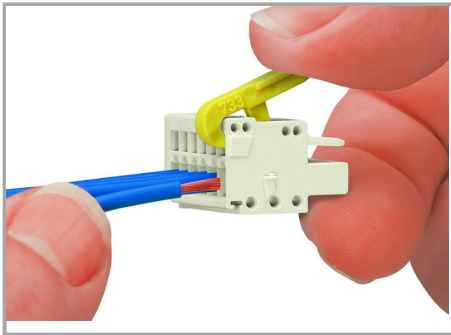
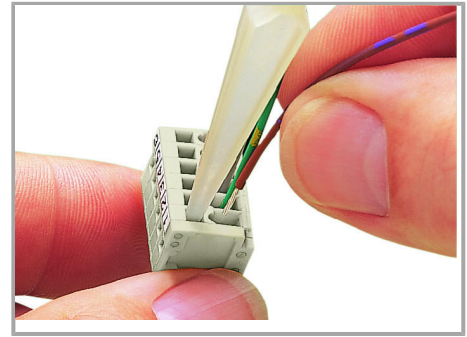
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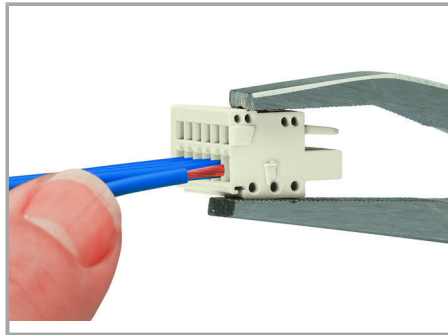
Inserting a conductor via (2.5 x 0.4) mm screwdriver. Operation is performed perpendicular to conductor entry.



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

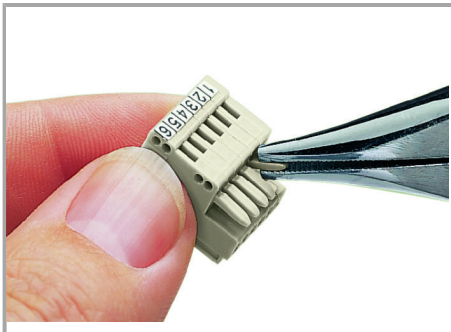


Inserting a conductor via 733-191 Operating Lever.



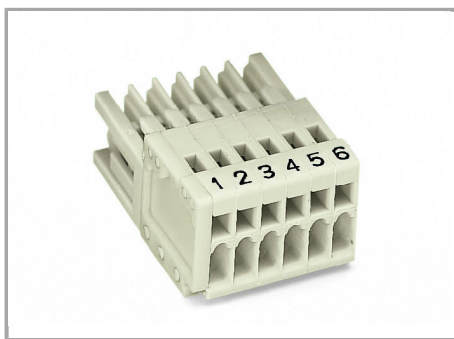
Inserting a conductor via 210-251 Operating Tool.

Coding

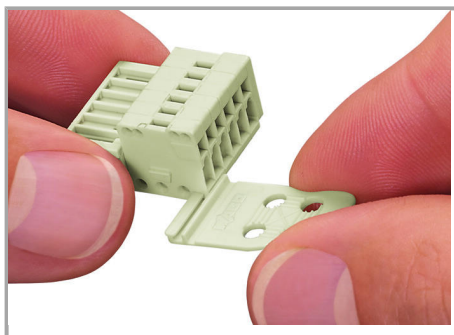


Coding a female connector – removing coding finger(s).

Supus modificărilor.

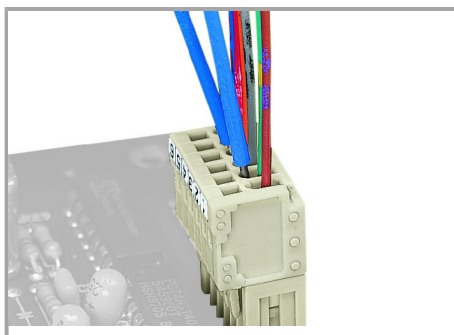


Assembly



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

Testing



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

Familie de produse

<i>MCS</i> MICRO

Afișare globală produse din familie.

Supus modificărilor.