

Fișă tehnică | Număr articol: 733-107

1-conductor female plug; 100% protected against mismatching; 0.5 mm²; Pin spacing 2.5 mm; 7-pole; 0,50 mm²; light gray

www.wago.com/733-107



RoHS Compliant

BOMcheck.net

Culoare:

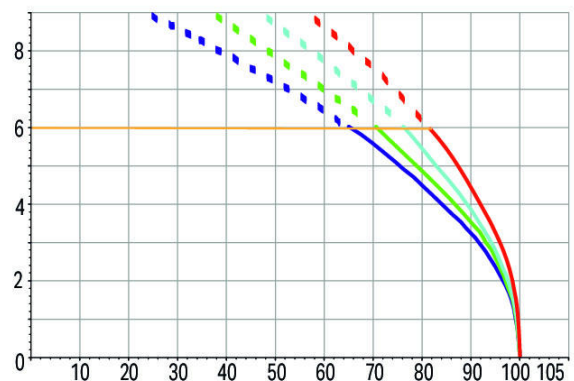
Derating Curve

1-conductor female connector (733-102) with
THT male header (733-332)

Pin spacing: 2.5 mm / Conductor cross-section: 0.5 mm² "f-st"

Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



Ambient operating temperature in °C

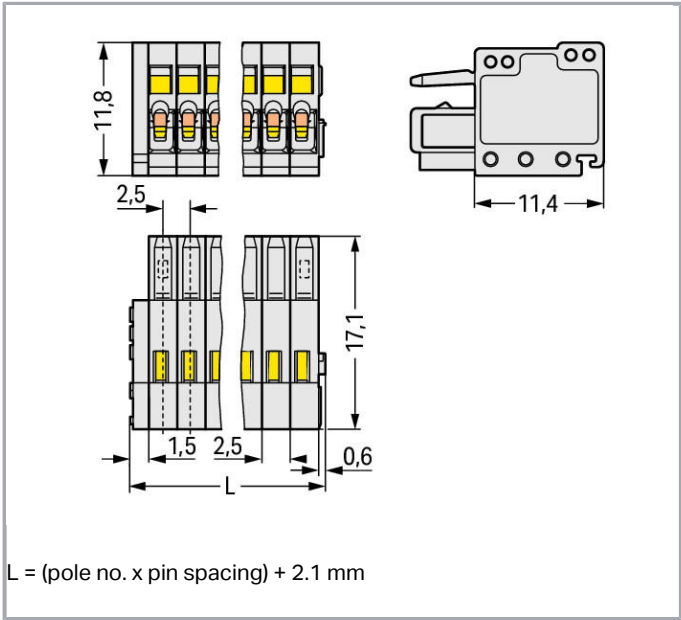
2-, 4-, 6-, 12-pole

Conductor rated current

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.	7
Total number of connection points	7
Total number of potentials	7
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	19,6 mm / 0.772 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 conductor
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	0,055 MJ
Weight	3,1 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	4044918294096
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.

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

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 733-207 1-conductor male connector; 100% protected against mismatching; 0.5 mm ² ; Pin spacing 2.5 mm; 7-pole; 0,50 mm ² ; light gray	www.wago.com/733-207
	Nr. articol 733-207/033-000 1-conductor male connector; 100% protected against mismatching; Strain relief plate; 0.5 mm ² ; Pin spacing 2.5 mm; 7-pole; 0,50 mm ² ; light gray	www.wago.com/733-207/033-000
	Nr. articol 733-337/105-604 THR male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Pin spacing 2.5 mm; 7-pole; black	www.wago.com/733-337/105-604

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**Nr. articol**733-337

THT male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Pin spacing 2.5 mm; 7-pole; light gray

www.wago.com/733-337**Nr. articol**733-337/105-604/997-446

THR male header; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; in tape-and-reel packaging; Pin spacing 2.5 mm; 7-pole; black

www.wago.com/733-337/105-604/997-446**Nr. articol**733-367/105-604

THR male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Pin spacing 2.5 mm; 7-pole; black

www.wago.com/733-367/105-604**Nr. articol**733-367

THT male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Pin spacing 2.5 mm; 7-pole; light gray

www.wago.com/733-367**Nr. articol**733-367/105-604/997-406

THR male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; in tape-and-reel packaging; Pin spacing 2.5 mm; 7-pole; black

www.wago.com/733-367/105-604/997-406

Produse compatibile

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

Strain relief plate

**Nr. articol:** 734-128

Strain relief plate; 12.5 mm wide; light gray

www.wago.com/734-128

check

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**Nr. articol: 735-500**

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

www.wago.com/735-500**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**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**

Supus modificărilor.

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Additional Information

Technical explanations

Apr 3, 2019

pdf
3,6 MB

Descărcare

CAD/CAE-Data

CAD data

2D/3D Models 733-107

URL

Descărcare

CAE data

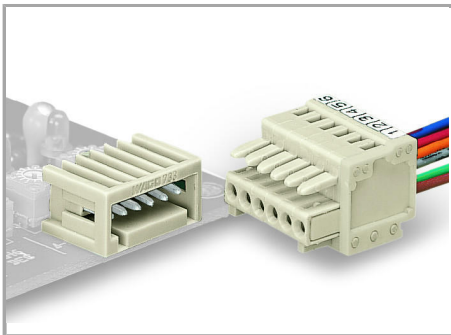
EPLAN Data Portal 733-107

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.

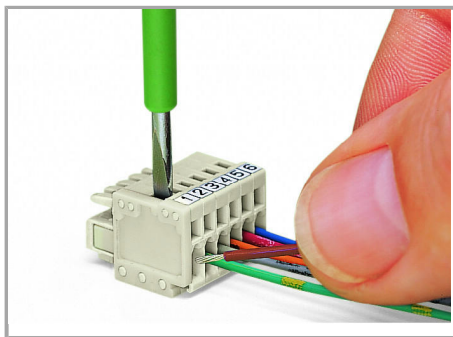
Inserting a conductor

Supus modificărilor.

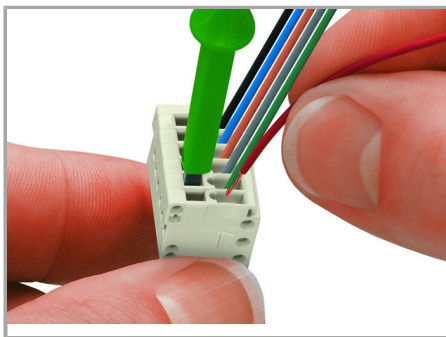
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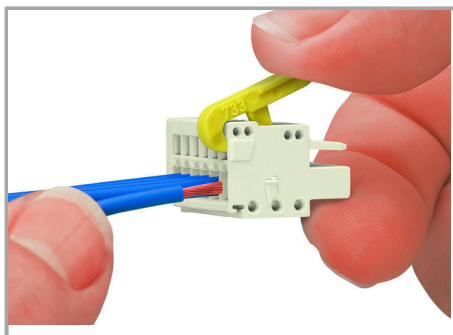
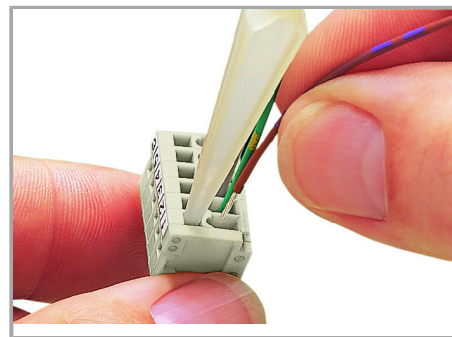
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



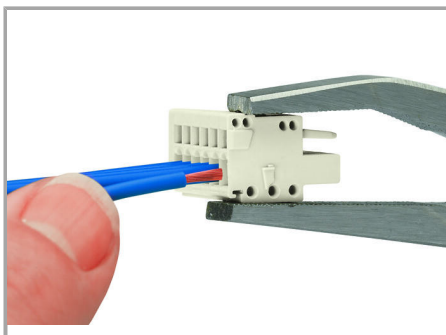
Inserting a conductor via (2.5 x 0.4) mm screwdriver. Operation is performed perpendicular to conductor entry.



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

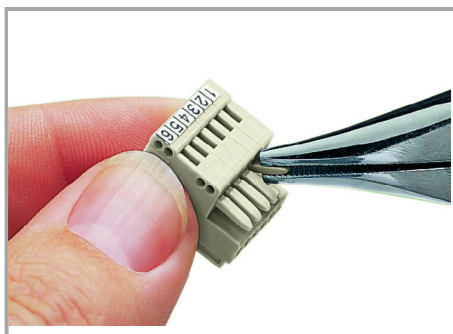


Inserting a conductor via 733-191 Operating Lever.



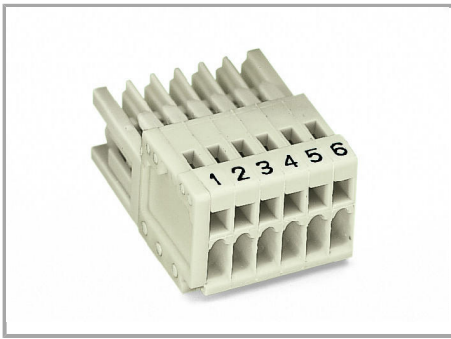
Inserting a conductor via 210-251 Operating Tool.

Coding

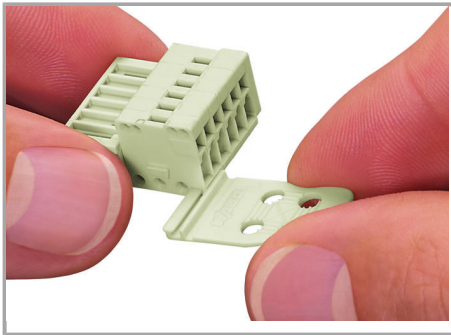


Coding a female connector – removing coding finger(s).

Supus modificărilor.

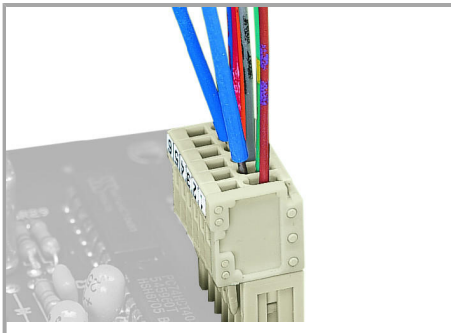


Assembly



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.