

Fișă tehnică | Număr articol: 733-207/033-000

1-conductor male connector; 100% protected against mismatching; Strain relief plate; 0.5 mm²; Pin spacing 2.5 mm; 7-pole; 0,50 mm²; light gray

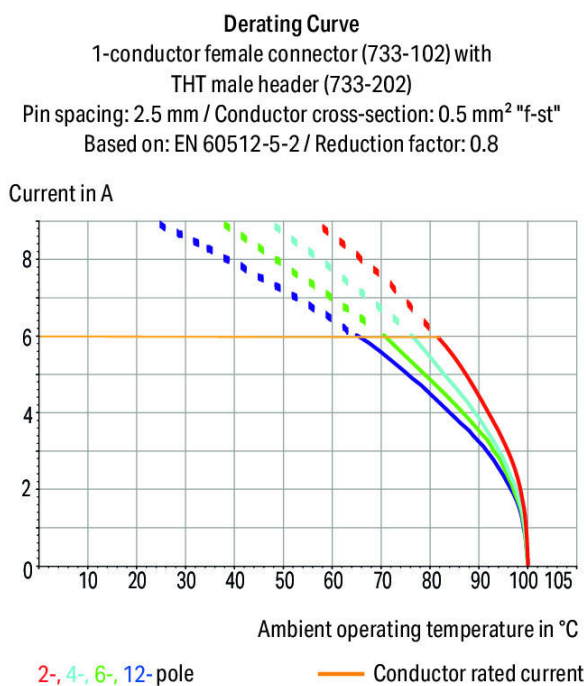
www.wago.com/733-207/033-000



RoHS Compliant

BOMcheck.net

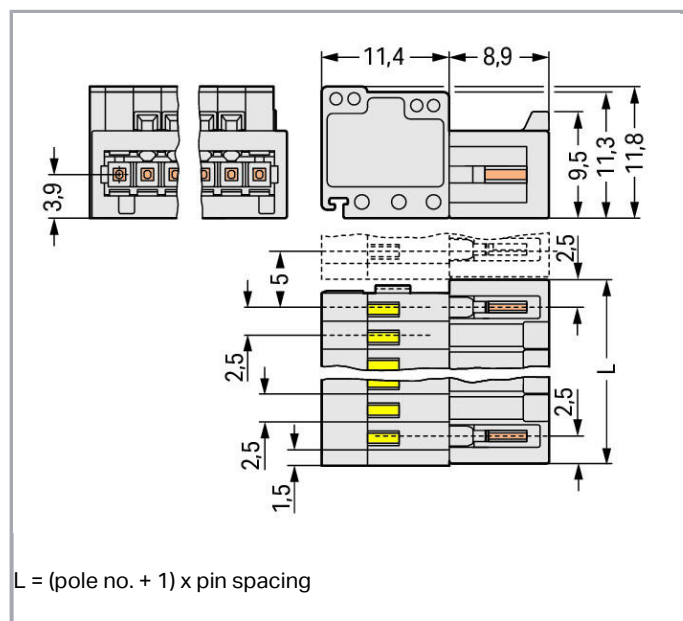
Culoare:



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
- For wire-to-wire connections
- 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.	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	20 mm / 0.787 inch
Height	11.8 mm / 0.465 inch
Depth	20.3 mm / 0.799 inch

Plug connection

Contact type (pluggable connector)	Male connector/plug
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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	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0,078 MJ
Weight	3,9 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	PL
GTIN	4045454163655
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.

Emblema	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	19- HG1869876- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE000016Z

UL-Approvals

Emblema	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL UL International Germany GmbH	UL 1977	E45171

Counterpart

	Nr. articol 733-107 1-conductor female plug; 100% protected against mismatching; 0.5 mm ² ; Pin spacing 2.5 mm; 7-pole; 0,50 mm ² ; light gray	www.wago.com/733-107
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Produse compatibile

Strain relief plate

	Nr. articol: 734-128 Strain relief plate; 12.5 mm wide; light gray	www.wago.com/734-128
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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

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	Nr. articol: 233-332 Operating tool; made of insulating material	www.wago.com/233-332
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	Nr. articol: 233-335 Operating tool	www.wago.com/233-335
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	Nr. articol: 733-130 Operating tool; loose; natural	www.wago.com/733-130
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	Nr. articol: 733-191 Operating tool; loose; yellow	www.wago.com/733-191
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ferrule

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

	Nr. articol: 733-330 Coding key; snap-on type; white	www.wago.com/733-330
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	Nr. articol: 733-331 Coding key; snap-on type; black	www.wago.com/733-331
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check

	Nr. articol: 735-500 Test pin; 1 mm Ø; with solder connection for test wire	www.wago.com/735-500
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Descărcări

Documentation

Additional Information

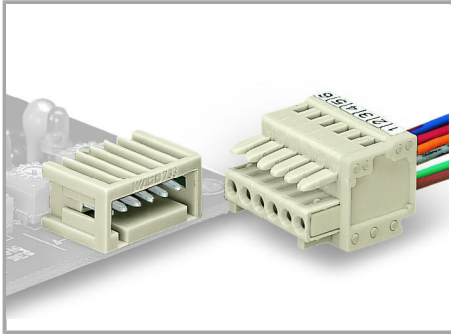
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Installation Notes

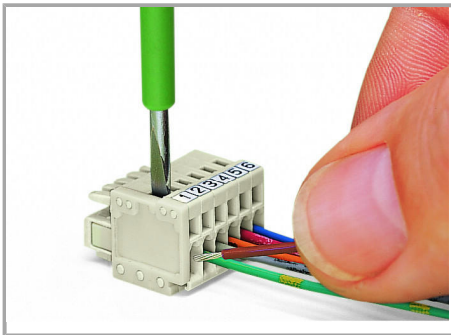
Protected Against Mismatching



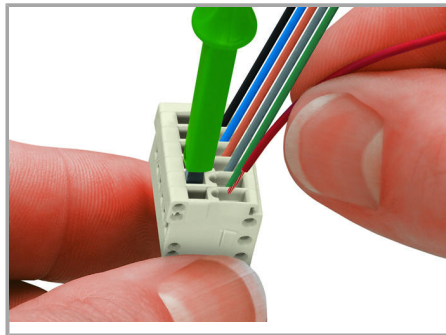
Male headers and female connectors are 100 % protected against mismatching.

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

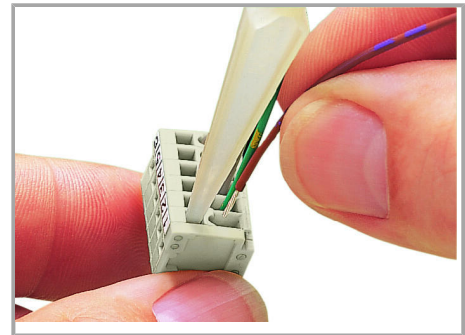
Inserting a conductor



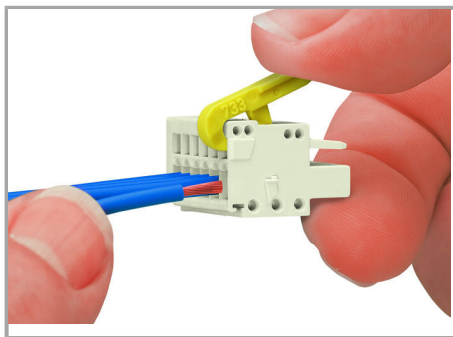
Inserting a conductor via (2.5 x 0.4) mm screwdriver. Operation is performed perpendicular to conductor entry.



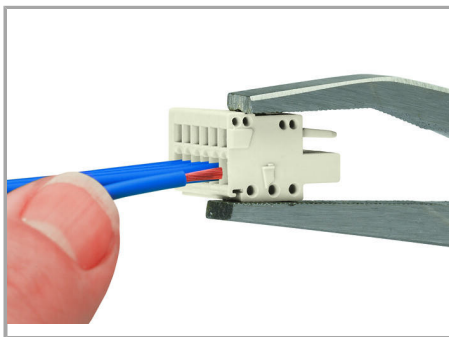
Inserting a conductor via screwdriver (233-335) – CAGE CLAMP® actuation parallel to conductor entry.



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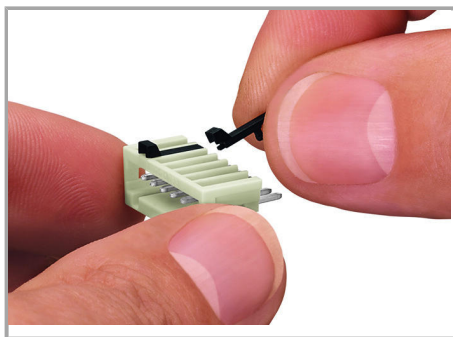


Inserting a conductor via 733-191 Operating Lever.

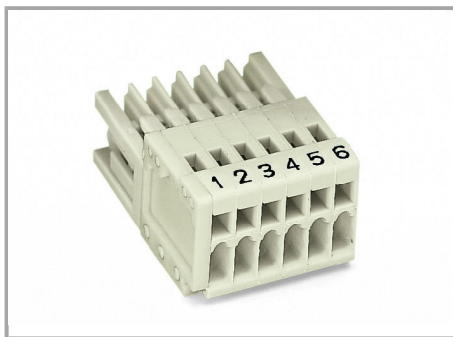


Inserting a conductor via 210-251 Operating Tool.

Coding



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

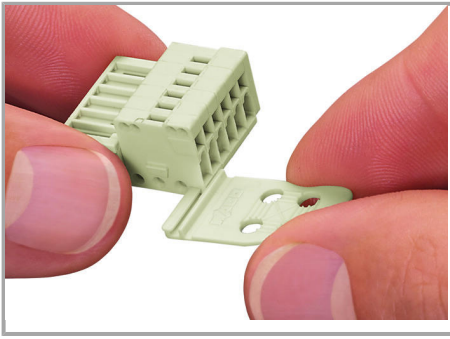


Assembly

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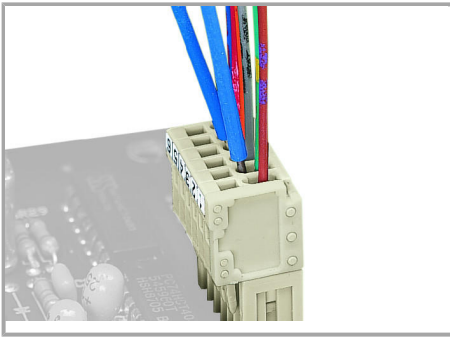
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Strain relief plates for factory or in-the-field assembly.

Testing



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

Familie de produse

<i>MCS</i> MICRO

Afișare globală produse din familie.

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