

Data sheet | Item number: 733-207

1-conductor male connector; 100% protected against mismating; 0.5 mm²;
Pin spacing 2.5 mm; 7-pole

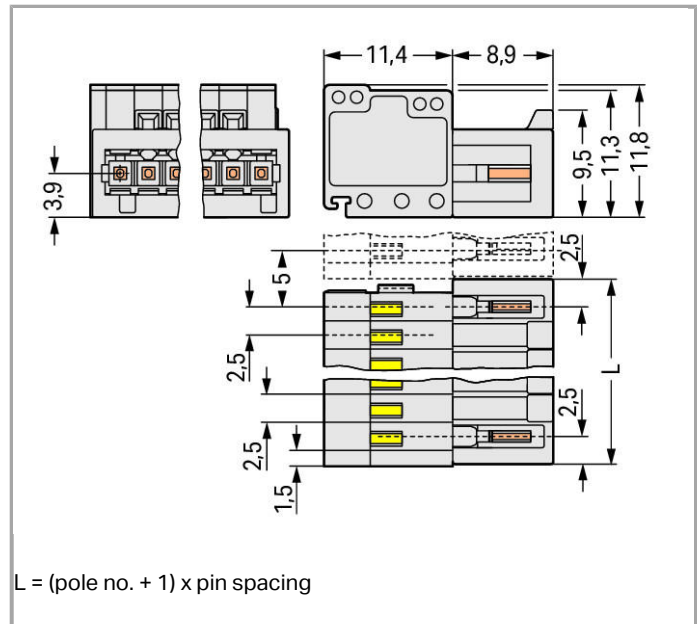
www.wago.com/733-207



RoHS
Compliant

BOMcheck.net

Color: ■



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 connections
- 100% protected against mismating
- Coding via coding fingers

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Gold-plated or partially gold-plated contact surfaces, Other pole numbers

Data

Electrical data



Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	100 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse 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 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 ferrule with plastic collar	0.25 ... 0.34 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 0.34 mm ²
Strip length	5 ... 6 mm / 0.2 ... 0.24 Inch
No. of poles	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
Connector connection type	for conductors
Mismating protection	Yes

Material Data

Color	light gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.07 MJ
Weight	3.531 g

Environmental Requirements

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

Country of origin	PL
GTIN	4044918849586
Customs Tariff No.	85366990990
Product Group	3 (Multi Conn. System)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2169534.01
	CCA DEKRA Certification B.V.	NL-31141
	CSA DEKRA Certification B.V.	1465035
	CSA DEKRA Certification B.V.	1465035

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241537-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE000016Z

UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45171
	UL Underwriters Laboratories Inc.	E45172

Compatible products

Coding

	Item no.: 733-330 Coding key; snap-on type	www.wago.com/733-330
	Item no.: 733-331 Coding key; snap-on type	www.wago.com/733-331

Strain relief plate

	Item no.: 734-128 Strain relief plate; 12.5 mm wide	www.wago.com/734-128
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ferrule

	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated	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.: 216-151 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.: 216-301**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin platedwww.wago.com/216-301**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / AWG 24; insulated; electro-tin platedwww.wago.com/216-302**Item no.: 216-321**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin platedwww.wago.com/216-321**Item no.: 216-322**Ferrule; Sleeve for 0.34 mm² / AWG 24; insulated; electro-tin platedwww.wago.com/216-322**tools****Item no.: 210-251**

Operating tool; for female and male connectors with CAGE CLAMP® connection; MCS MINI & MICRO

www.wago.com/210-251**Item no.: 210-719**

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

www.wago.com/210-719**Item no.: 233-331**

Operating tool; for female and male connectors with CAGE CLAMP® connection; insulated

www.wago.com/233-331**Item no.: 233-332**

Operating tool; for 233 and 733 Series; of insulating material

www.wago.com/233-332**Item no.: 233-335**

Operating tool; for 233 and 733 Series

www.wago.com/233-335**Item no.: 733-130**

Operating tool; for male and female connectors with CAGE CLAMP®; loose

www.wago.com/733-130**Item no.: 733-191**

Operating tool; for male and female connectors with CAGE CLAMP®; loose

www.wago.com/733-191
Downloads
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CAD data

3D Download 733-207

URL

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Subject to changes.