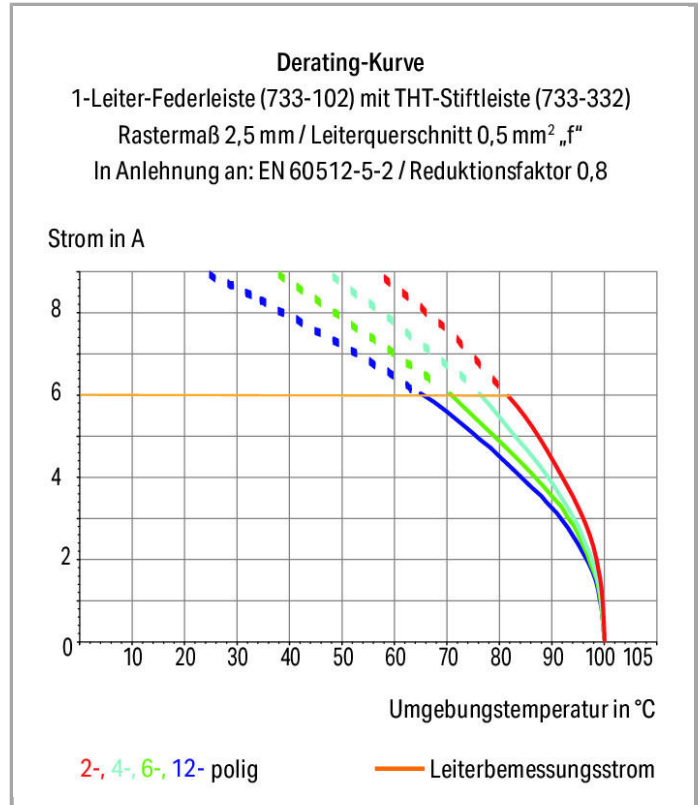
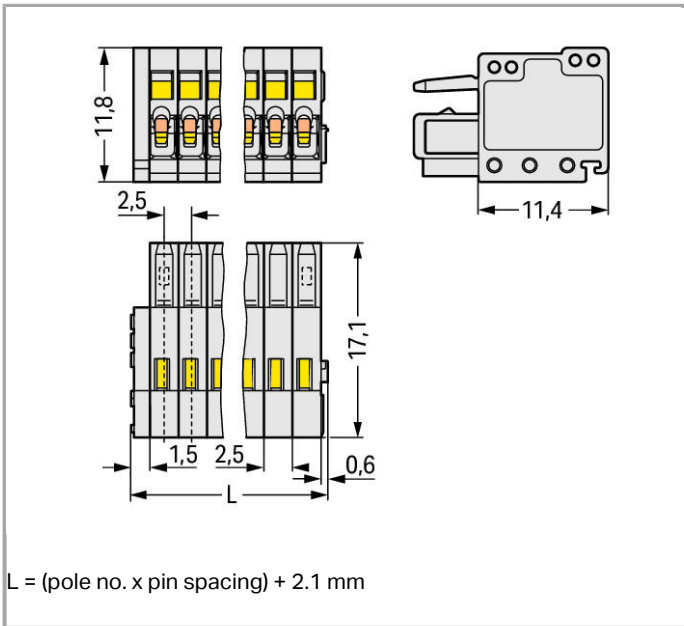


Data sheet | Item number: 733-107

1-conductor female plug; 100% protected against mismatching; 0.5 mm²; Pin spacing 2.5 mm; 7-pole

www.wago.com/733-107





Item description

- 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

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) ≙ 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	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
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	Copper alloy
Contact plating	tin-plated
Fire load	0.055 MJ
Weight	3.055 g

Environmental Requirements




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



Country of origin	DE
GTIN	4044918294096
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




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

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 plated

www.wago.com/216-301



Item no.: 216-302
Ferrule; Sleeve for 0.34 mm² / AWG 24; insulated; electro-tin plated

www.wago.com/216-302



Item no.: 216-321
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated

www.wago.com/216-321



Item no.: 216-322
Ferrule; Sleeve for 0.34 mm² / AWG 24; insulated; electro-tin plated

www.wago.com/216-322

Downloads smartDATA

CAD data

3D Download 733-107

URL

Download

Subject to changes.