



Female connector; 16-pole; Pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable

Item No.: 734-116



Female connector; 16-pole; Pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	734-116
GTIN / EAN	4044918493901
Content	1
Order amount	25
Customer item number	

Notes

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 and housings for in-the-field assembly 100% protected against mismatching Coding option available

Technical data

<i>Miscellaneous</i>	
Packaging type	BOX
Ratings per	IEC/EN 60664-1
Rated voltage (III / 3) [V]	160 [V]

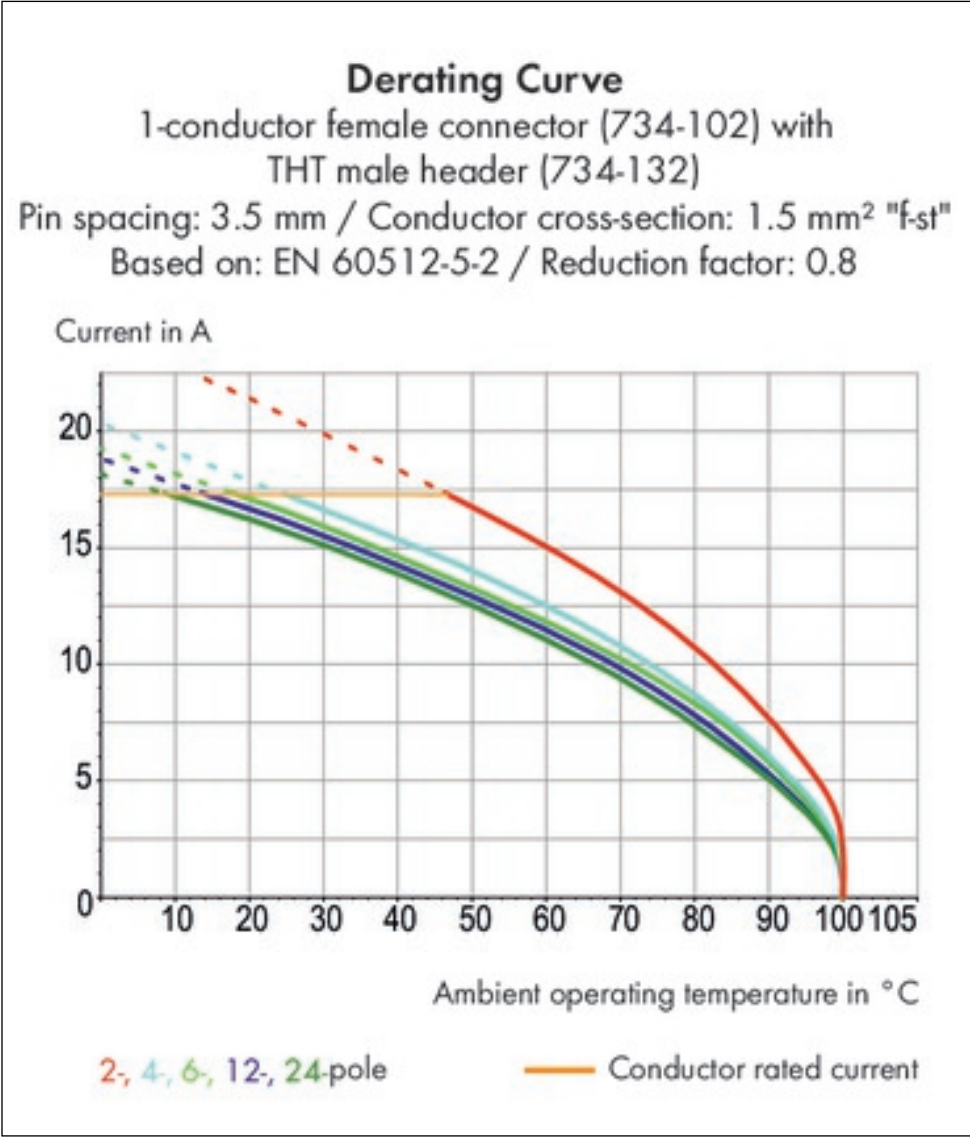
Printview: Female connector; 16-pole; Pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable - Item No.: 734-116

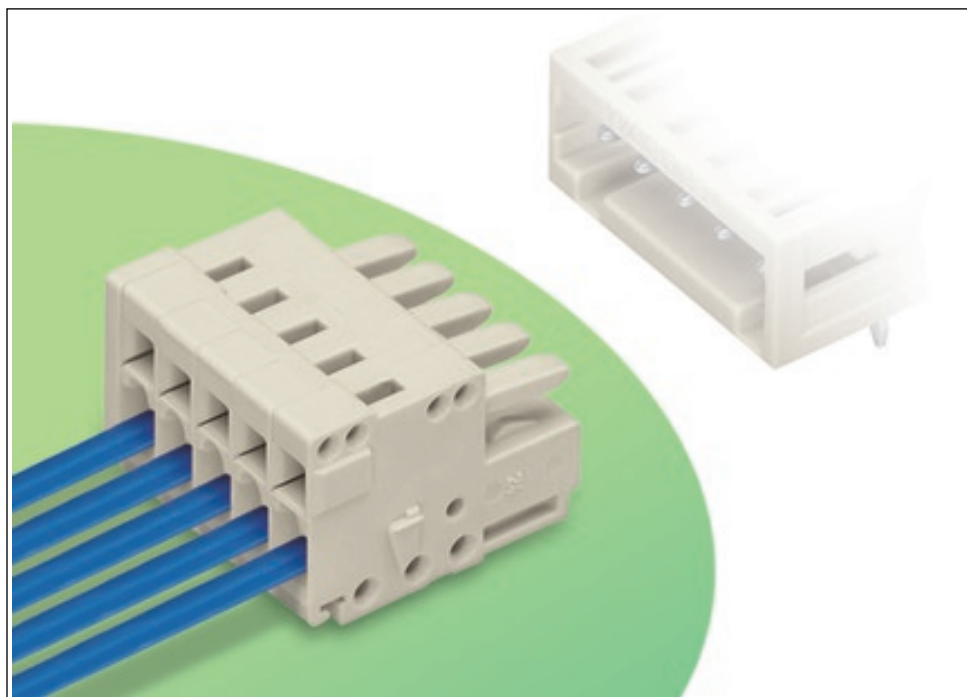
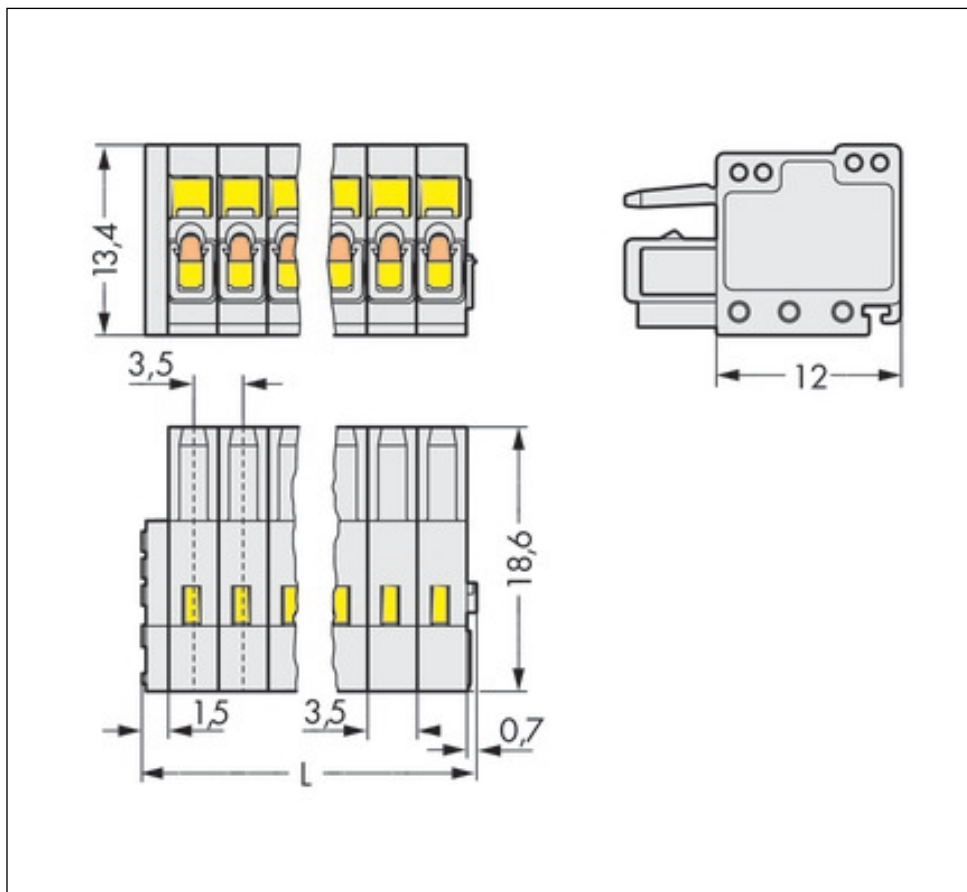
Technical data	
Rated impulse voltage (III / 3) [kV]	2.5 [kV]
Rated voltage (III/2) [V]	160 [V]
Rated impulse voltage (III / 2) [kV]	2.5 [kV]
Rated voltage (II / 2) [V]	320 [V]
Rated impulse voltage (II / 2) [kV]	2.5 [kV]
Rated current [A]	10 [A]
Legend (ratings)	(III / 2) Overvoltage category III / Pollution degree 2
Approvals per	UL 1059
Rated voltage UL (Use Group B) [V]	300 [V]
Rated current UL (Use Group B) [A]	10 [A]
Rated voltage UL (Use Group D) [V]	300 [V]
Rated current UL (Use Group D) [A]	10 [A]
Rated voltage CSA (Use Group B) [V]	300 [V]
Rated current CSA (Use Group B) [A]	10 [A]
Rated voltage CSA (Use Group D) [V]	300 [V]
Rated current CSA (Use Group D) [A]	10 [A]
No. of poles	16
Total number of connection points	16
Total number of potentials	16
Number of connection types	1
Number of levels	1
Connection technology	CAGE CLAMP®
Number of connection points (connection type)	1
Actuation type	Operating tool
Solid conductor	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm ² / ...
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 1.5 mm ² / ...
Strip length	6 ... 7 mm / 0.24 ... 0.28 Inch
Pin spacing	3.5 mm (0.138 in)
Width	58.2 mm / 2.291 Inch
Height	13.4 mm / 0.528 Inch
Depth	18.6 mm / 0.732 Inch
Contact type (pluggable connector)	Female connector/socket

Technical data	
<i>Connector connection type</i>	<i>for conductors</i>
<i>Mismatching protection</i>	<i>ja</i>
<i>Color</i>	<i>light gray</i>
<i>Material group</i>	<i>I</i>
<i>Insulating material</i>	<i>Polyamide 66 (PA 66)</i>
<i>Flammability class per UL94</i>	<i>V0</i>
<i>Clamping spring material</i>	<i>Chrome nickel spring steel (CrNi)</i>
<i>Contact material</i>	<i>Copper alloy</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.198 [MJ]</i>
<i>Weight [g]</i>	<i>12.029 [g]</i>
<i>Limit temperature range</i>	<i>-60 ... 100 °C</i>

Images & drawings







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Technische Änderungen und Irrtümer vorbehalten.