



Female connector; with push-button; 12-pole; Pin spacing 3.5 mm / 0.138 in; codable

Item No.: 714-112



Female connector; with push-button; 12-pole; Pin spacing 3.5 mm / 0.138 in; codable

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	714-112
GTIN / EAN	4045454858773
Content	1

Notes

Item description: Female connectors terminate both solid and ferruled, fine-stranded conductors via simple push-in terminations. Integrated push-buttons provide convenient, tool-free operation. Ultra-low profile at just 7.8mm, for conductor size up to 1.5mm². Coding and testing options available. 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.

Technical data

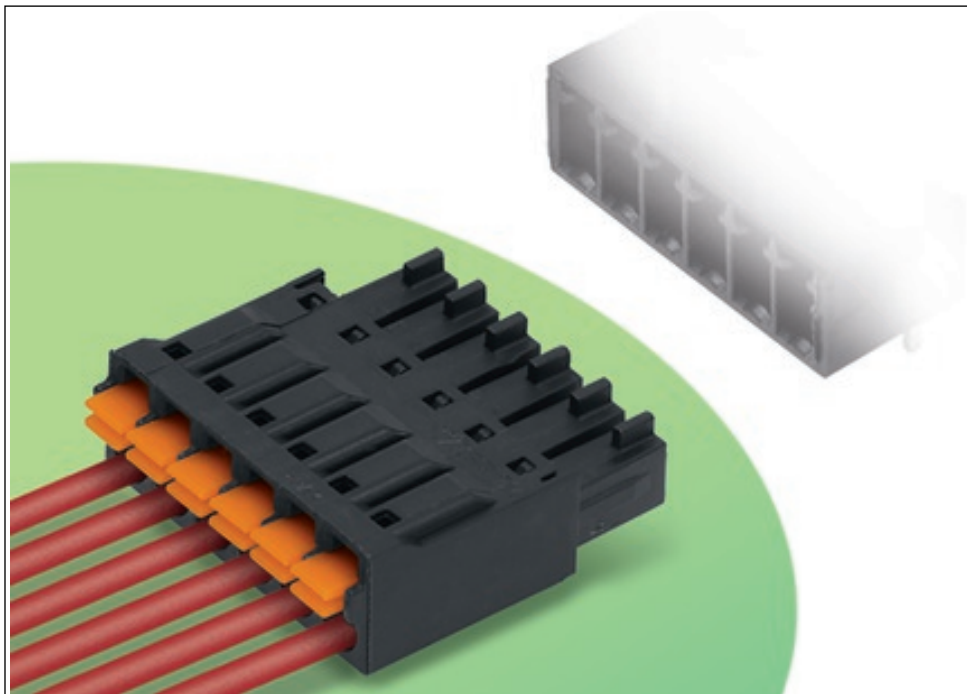
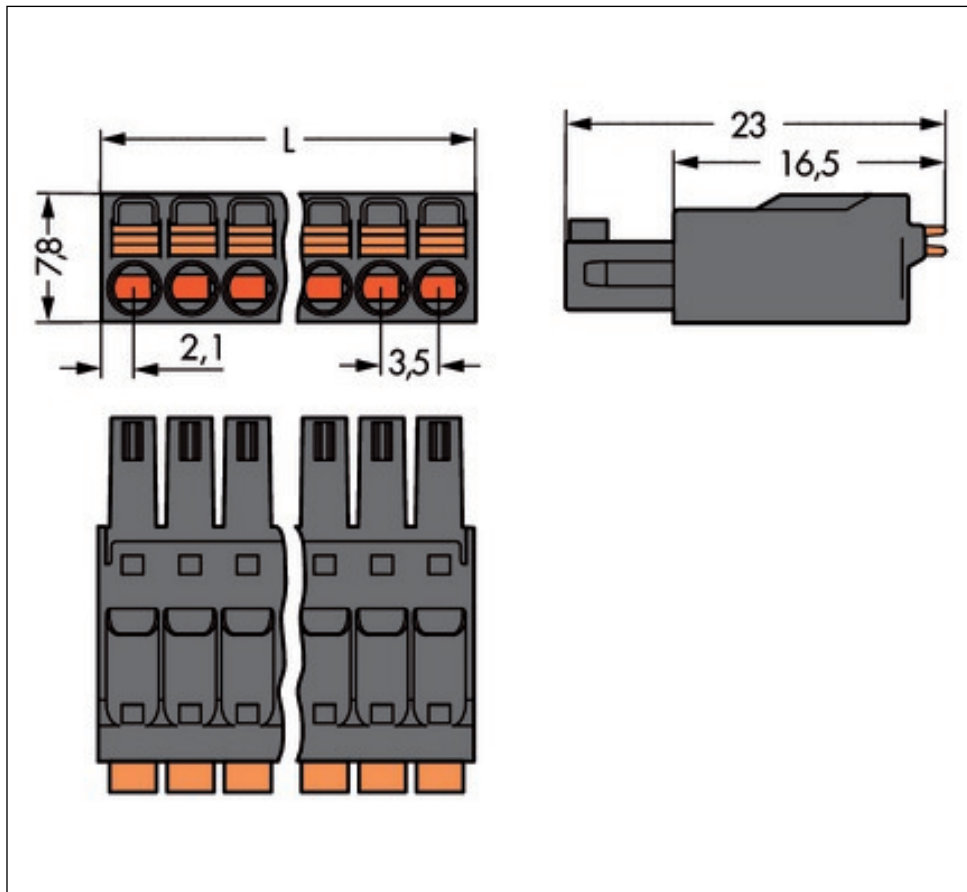
Miscellaneous

Technical data	
<i>Other versions (or variants) can be requested</i>	<i>Other pole numbers</i>
<i>Ratings per</i>	<i>IEC/EN 60664-1</i>
<i>Rated voltage (III / 3) [V]</i>	<i>160 [V]</i>
<i>Rated impulse voltage (III / 3) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated voltage (III/2) [V]</i>	<i>160 [V]</i>
<i>Rated impulse voltage (III / 2) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated voltage (II / 2) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (II / 2) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated current [A]</i>	<i>8 [A]</i>
<i>Legend (ratings)</i>	<i>(III / 2) Overvoltage category III / Pollution degree 2</i>
<i>Approvals per</i>	<i>UL 1059</i>
<i>Rated voltage UL (Use Group B) [V]</i>	<i>150 [V]</i>
<i>Rated current UL (Use Group B) [A]</i>	<i>8 [A]</i>
<i>No. of poles</i>	<i>12</i>
<i>Total number of connection points</i>	<i>12</i>
<i>Total number of potentials</i>	<i>12</i>
<i>Number of connection types</i>	<i>1</i>
<i>Number of levels</i>	<i>1</i>
<i>Connection technology</i>	<i>Push-in CAGE CLAMP®</i>
<i>Actuation type</i>	<i>Operating lever</i>
<i>Solid conductor</i>	<i>0.2 ... 1.5 mm² / 24 ... 16 AWG</i>
<i>Fine-stranded conductor</i>	<i>0.2 ... 1.5 mm² / 24 ... 16 AWG</i>
<i>Fine-stranded conductor with ferrule with plastic collar</i>	<i>0.25 ... 0.75 mm²</i>
<i>Fine-stranded conductor with ferrule without plastic collar</i>	<i>0.25 ... 1.5 mm²</i>
<i>Strip length</i>	<i>9 ... 10 mm / 0.35 ... 0.39 Inch</i>
<i>Pin spacing</i>	<i>3.5 mm (0.138 in)</i>
<i>Width</i>	<i>42.7 mm / 1.681 Inch</i>
<i>Height</i>	<i>7.8 mm / 0.307 Inch</i>
<i>Depth</i>	<i>23 mm / 0.906 Inch</i>
<i>Contact type (pluggable connector)</i>	<i>Female connector/socket</i>
<i>Connector connection type</i>	<i>for conductors</i>
<i>Mismating protection</i>	<i>nein</i>

Technical data	
<i>Color</i>	<i>black</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>0.094 [MJ]</i>
<i>Weight [g]</i>	<i>6.85 [g]</i>
<i>Limit temperature range</i>	<i>-60 ... 100 °C</i>
<i>Pin spacing from [in]</i>	<i>0.138 [in]</i>
<i>Pin spacing from [mm]</i>	<i>3.5 [mm]</i>
<i>Contact type</i>	<i>Female connector/socket; for conductors</i>
<i>Product Family</i>	<i>MCS MINI SL</i>
<i>Main product function</i>	<i>Female connector/socket</i>
<i>Product type</i>	<i>Pluggable PCB connectors</i>

Images & drawings





Address

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Telefon: 0571/887-0

Fax: 0571/887-169

<http://www.wago.com>

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Technische Änderungen und Irrtümer vorbehalten.