



## Female connector with gripping plate; Cable bundle function and unlocking aid; 8-pole; Pin spacing 3.5 mm / 0.138 in

Item No.: 2091-1108/002-000



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### Marking

RoHS ✓  
Compliant

### Business data

Supplier	WAGO
Item no.	2091-1108/002-000
GTIN / EAN	4050821411673
Content	1
Order amount	50
Customer item number	

### Notes

*Item description: Universal connection of all conductor types Simple, push-in termination of solid and ferruled conductors Easy-to-use design does not require special tools Ability to wire while mated or unmated Testing parallel to conductor entry – tip contact Also available with gripping plates Integrated locking latches prevent accidental disconnection Safety information 1: The picoMAX® pluggable connection system 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.*

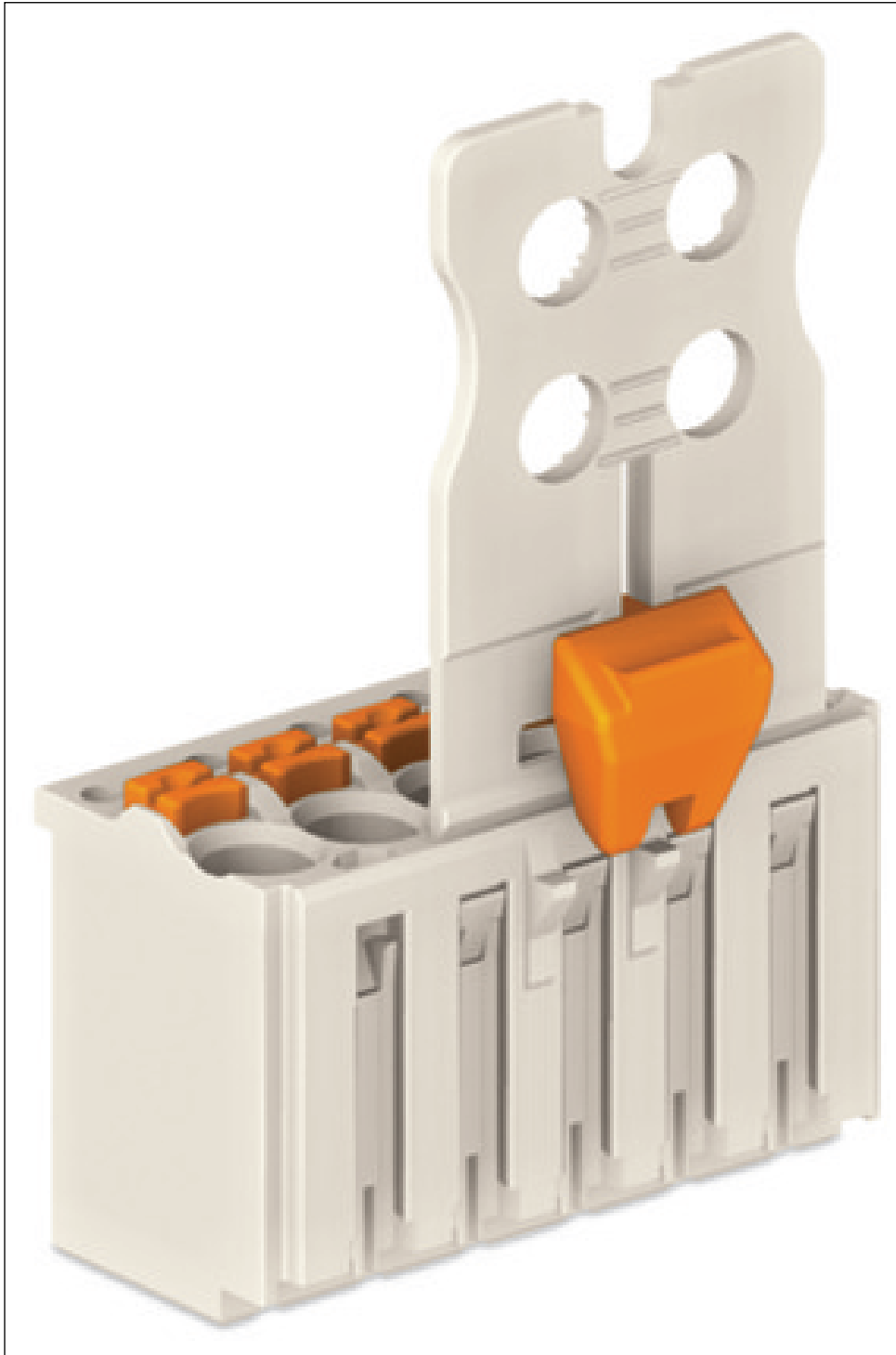
### Technical data

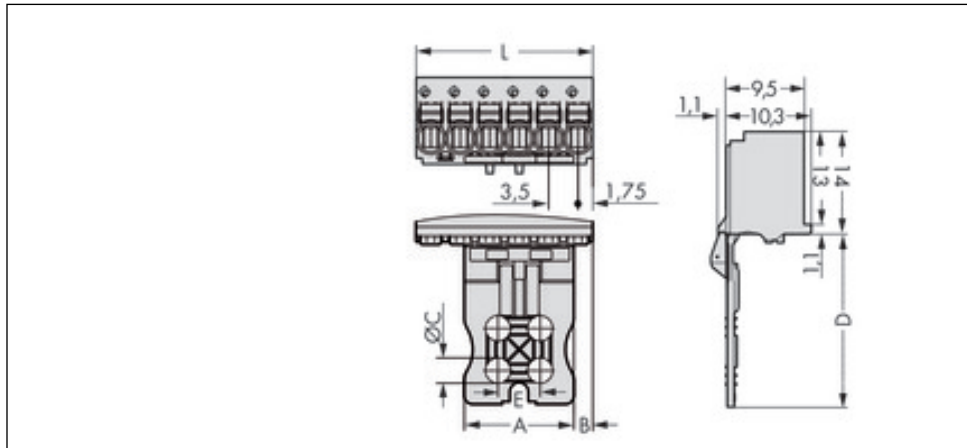
Miscellaneous

<b>Technical data</b>	
Packaging type	BOX
Ratings per	IEC/EN 60664-1
Rated voltage (III / 3) [V]	160 [V]
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
No. of poles	8
Total number of connection points	8
Total number of potentials	8
Number of connection types	1
Number of levels	1
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating lever
Solid conductor	0.2 ... 1.5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 1.5 mm <sup>2</sup>
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
Pin spacing	3.5 mm (0.138 in)
Width	28 mm / 1.102 Inch
Height	34 mm / 1.339 Inch
Depth	12.4 mm / 0.488 Inch
Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors
Mismating protection	nein
Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)

<b>Technical data</b>	
<i>Contact material</i>	<i>Electrolytic copper (Ecu)</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.096 [MJ]</i>
<i>Weight [g]</i>	<i>3.876 [g]</i>
<i>Limit temperature range</i>	<i>-60 ... 100 °C</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>picoMAX®</i>
<i>Main product function</i>	<i>Female connector/socket</i>
<i>Product type</i>	<i>Pluggable PCB connectors</i>

Images & drawings





### Address

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Technische Änderungen und Irrtümer vorbehalten.