

Data Sheet | Item Number: 2092-3524/020-000

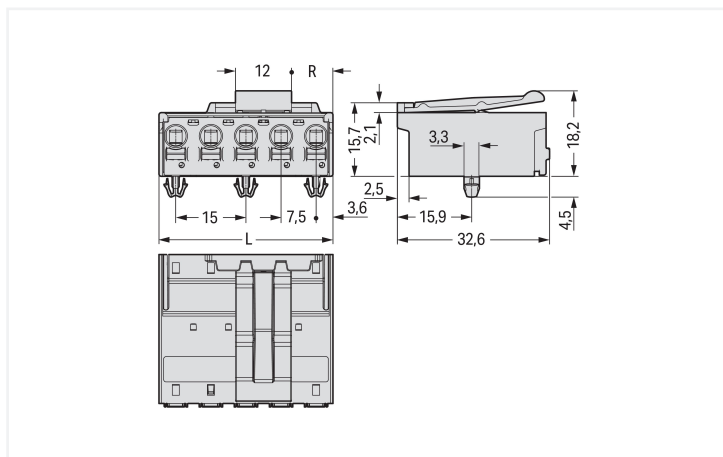
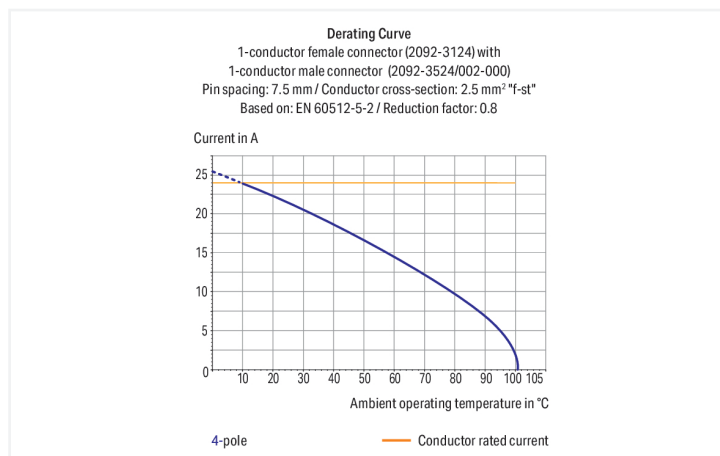
1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm;
4-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever;
2,50 mm²; light gray

<https://www.wago.com/2092-3524/020-000>



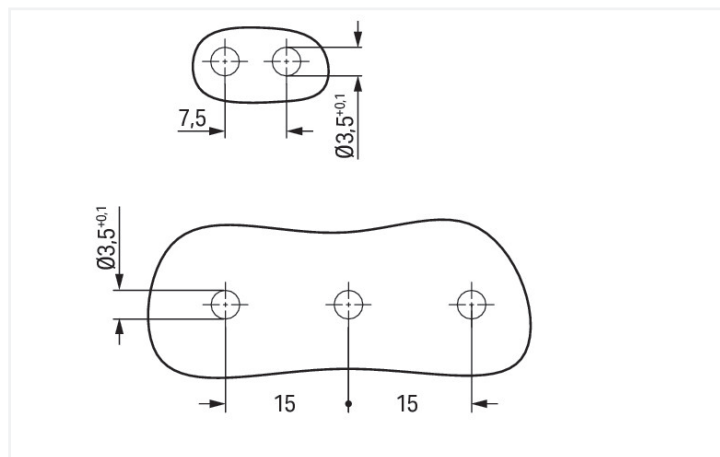
Color: ■ light gray

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing} + 7.2 \text{ mm}$ Even pole number $R = (L - 12 \text{ mm}) : 2$ Odd pole number $R = (L - 19.5 \text{ mm}) : 2$



Dimensions in mm

Male connector, 2092 Series, push-button

This male connector (item number 2092-3524/020-000) simplifies electrical installations. Ensure that the strip lengths are between 9 and 10 mm when connecting conductors to this male connector. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. The item's dimensions are (29.7 x 22.7 x 32.6) mm (width x height x depth). Depending on the conductor type, this male connector is designed for conductor cross sections ranging from 0.2 mm² to 2.5 mm².

Tin is used for coating the contact surfaces.



Notes	
Safety Information	The picoMAX® Pluggable Connection System includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when un-mated.
Safety information 2	The use of ferrules is recommended for applications with higher requirements. To prevent excessive force on the clamping point, effective cable strain relief must be used.
Variants:	Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .

Electrical data							
Ratings per		IEC/EN 60664-1		Approvals per		UL 1059	
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	300 V	-	300 V
Nominal voltage	400 V	630 V	1000 V	Rated current	15 A	-	10 A
Rated impulse withstand voltage	6 kV	6 kV	6 kV				
Rated current	16 A	16 A	16 A				

Connection Data			Connection 1	
Clamping units	4		Connection technology	Push-in CAGE CLAMP®
Total number of potentials	4		Actuation type	Push-button
Number of connection types	1		Actuation direction 1	Operation parallel to conductor entry
Number of levels	1		Solid conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG
			Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG
			Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm²
			Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
			Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
			Pole number	4

Physical data	
Pin spacing	7.5 mm / 0.295 inches
Width	29.7 mm / 1.169 inches
Height	22.7 mm / 0.894 inches
Height from the surface	18.2 mm / 0.717 inches
Depth	32.6 mm / 1.283 inches
Drilled hole diameter for snap-in mounting foot with tolerance	3.5 (+0.1) mm

Mechanical data

Variable coding	Yes
Housing sheet thickness	0.6 ... 1.2 mm / 0.024 ... 0.047 inches
Mounting type	Snap-in foot
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	No
Plugging without loss of pin spacing	Yes
Locking of plug-in connection	Locking latch

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{CU})
Contact Plating	Tin
Fire load	0.034 MJ
Weight	10.3 g

Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data

Product Group	26 (picoMAX Connectors)
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821164890
Customs tariff number	85366930000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-89885
CSA CSA Group	C22.2	2362521
CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-129874
UL Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2092-3524/020-000	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 2092-3524/020-000	↓

CAE data	
ZUKEN Portal 2092-3524/020-000	↓



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 2092-3124
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 4-pole; 2,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule



Item No.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-131
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored



Item No.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item No.: 216-132
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



Item No.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



Item No.: 216-122
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



Item No.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated



Item No.: 216-143
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item No.: 216-144
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



Item No.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored



Item No.: 216-106
Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored

1.2.2 Test and measurement

1.2.2.1 Testing accessories



Item No.: 735-500
WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm²



1.2.3 Tool

1.2.3.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft