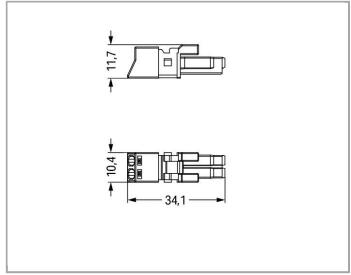
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Socket; 2-pole; Cod. B

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Item description

- Protected against mismating and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/: Other pole markings

Data

Electrical data

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Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V	
Rated impulse voltage (III / 3)	4 kV	
Rated current	16 A	
Legend (ratings) (III / 3) ≜ Overvoltage category III / Pollution degree 3		

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
	Push-in
Nominal cross section	1.5 mm²
Solid conductor	0.25 1.5 mm² / 22 16 AWG
Solid conductor, push-in termination	0.75 1.5 mm² / 20 16 AWG
Stranded conductor	0.25 1 mm² / 22 18 AWG
Fine-stranded conductor	0.25 1.5 mm² / 22 16 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 0.75 mm² / 22 20 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 0.75 mm² / 22 20 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.75 mm² / 20 AWG
Strip length	9 mm / 0.35 lnch
Note (strip length)	see also packaging or instructions
No. of poles	2
Total number of connection points	2
Total number of potentials	2
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	4.4 mm (0.173 inch)
Width	10.4 mm / 0.409 inch
Height	11.7 mm / 0.461 inch
Depth	34.1 mm / 1.343 inch

Mechanical data

Coding	В	
Mating force of a plug-in connection	approx. 20 70 N (depending on pole number)	
Retention force of a plug-in connection	when locked: > 80N	
Unmating force of a plug-in connection	when unlocked: approx. 20 70 N (depending on pole number)	
Marking	12	
Degree of protection	IP20	
Potential marking	12	



Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Insulating material Polyamide 66 (PA 66) Flammability class per UL94 V0 Clamping spring material Chrome nickel spring steel (CrNi) Contact material Copper or copper alloy, surface-treated	Color	gray
Clamping spring material Chrome nickel spring steel (CrNi)	Insulating material	Polyamide 66 (PA 66)
	Flammability class per UL94	VO
Contact material Copper or copper alloy, surface-treated	Clamping spring material	Chrome nickel spring steel (CrNi)
	Contact material	Copper or copper alloy, surface-treated
Fire load 0.052 MJ	Fire load	0.052 MJ
Weight 2.6 g	Weight	2.6 g

Environmental Requirements

Surrounding air (operating) temperature	-35 85 °C

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CB	NL-47679
	DEKRA Certification B.V.	
	CCA	2148952.04
KEMA	DEKRA Certification B.V.	



Logo	Approval	Certificate name
DNV-GL MARITIME	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001Z6
	LR	08/20047 (E1)



UL-Approvals

Logo	Approval	Certificate name
	UL	E45171

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UL International Germany GmbH

Subject to changes.

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