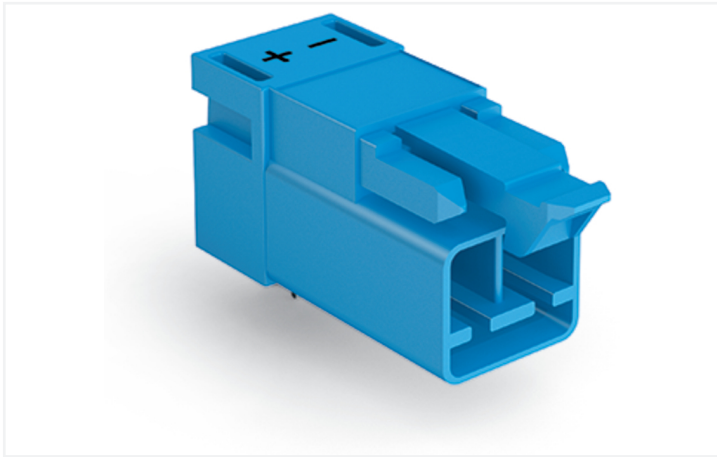


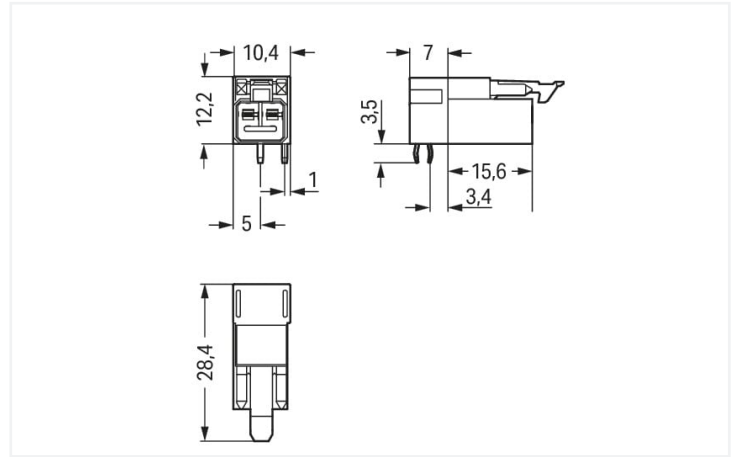
Data Sheet | Item Number: 890-3112/011-000

Plug for PCBs; angled; 2-pole; Cod. I; blue

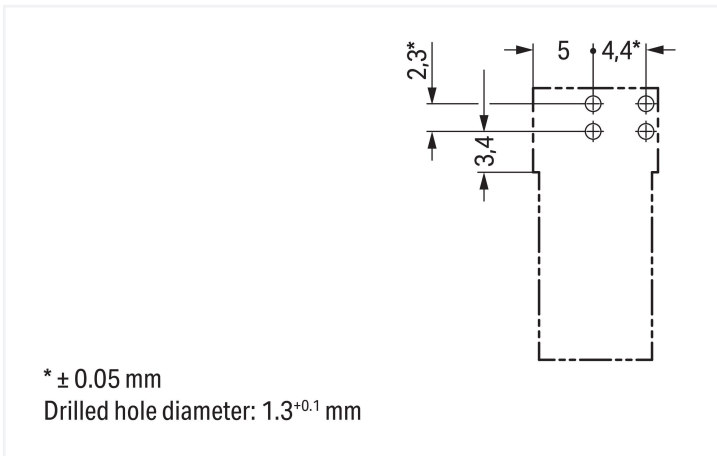
<https://www.wago.com/890-3112/011-000>



Color: ■ blue



Dimensions in mm



Dimensions in mm

Male connector/plug WINSTA® MINI rated current 16 A

The WINSTA® MINI male connector/plug with protection against mismatching is economical and space thanks to its compact dimensions. Our enormous number of pluggable PCB connectors with various insertion directions and operating variants offers you the right solution for your application at all times. For greater security in electrical installations, the pcb connectors is equipped with mechanical protection against mismatching. I coding in blue is used to identify WINSTA® MINI pcb connectors, which are used primarily in building automation for activating lighting. Thanks to its particularly compact dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very tight spaces, i.e., for installations when very little room is available.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation costs without compromising quality and safety: with marking reduces the need for servicing and prevents unnecessary downtime.

- pcb connectors with protection against mismatching
- consistent IP40 protection
- for lighting management
- convenient installation and commissioning



Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		250 V	-	-
Rated surge voltage		4 kV	-	-
Rated current		16 A	-	-
Approvals per				
Rated voltage		600 V		
Rated current		14 A		
General information				
Note on contact resistance		approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket		
Connection data				
Total number of potentials		2		
Number of levels		1		
Connection 1				
Pole number		2		
Physical data				
Pin spacing		4.4 mm / 0.173 inches		
Width		10.4 mm / 0.41 inches		
Height		15.7 mm / 0.618 inches		
Height from the surface		12.2 mm / 0.48 inches		
Depth		28.4 mm / 1.118 inches		
Solder pin length		3.5 mm		
Solder pin dimensions		1 x 0.8 mm		
Drilled hole diameter with tolerance		1.3 ^(+0.1) mm		
Mechanical data				
Use		DALI, Lighting Management		
Coding		I		
Variable coding		No		
Marking		- +		
Potential marking		- +		



Plug-in connection		
Note on locking system		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).
PCB contact		
PCB contact		THT
Solder pin arrangement		2 in-line solder pins/pole
Number of solder pins per potential		2
Material data		
Note (material data)		Information on material specifications can be found here
Color		blue
Cover color		gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Clamping spring material		Chrome-nickel spring steel (CrNi)
Contact material		Copper or copper alloy; surface-treated
Contact Plating		Tin
Fire load		0.057 MJ
Weight		2.4 g
Environmental requirements		
Processing temperature		-5 ... +40 °C
Continuous operating temperature		-35 ... +85 °C
Note on continuous operating temperature		Insulating parts for temperatures ≤ 105 °C
Commercial data		
eCl@ss 10.0		27-44-06-05
eCl@ss 9.0		27-44-06-05
ETIM 9.0		EC002637
ETIM 8.0		EC002637
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		PL
GTIN		4050821695950
Customs tariff number		85366990990
Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	71-123231
CCA DEKRA Certification B.V.	IEC 61535	NL-85020
cURus Underwriters Laboratories Inc.	UL 1977	E45171

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	Steel Vessel Rules	19-HG1869855-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001Z6
LR Lloyds Register	EN 61535	08/20047 (E2)

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 890-3112/011-000



CAD/CAE-Data

CAD data
2D/3D Models 890-3112/011-000



CAE data
ZUKEN Portal 890-3112/011-000



PCB Design

Symbol and Footprint via SamacSys 890-3112/011-000
Symbol and Footprint via Ultra Librarian 890-3112/011-000



Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com