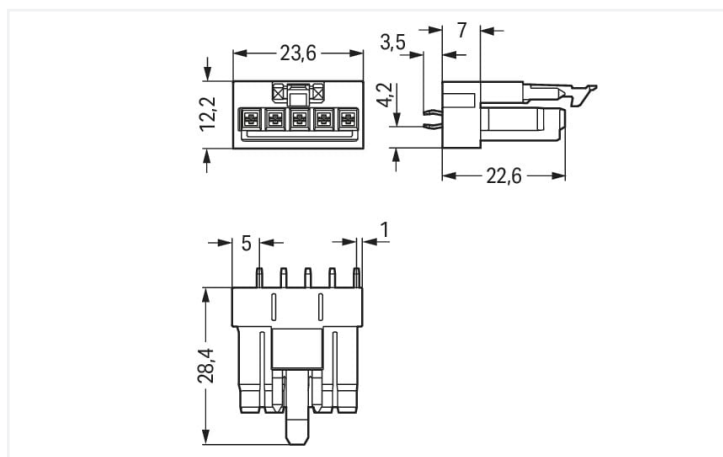


<https://www.wago.com/890-885>



Technical drawing of a rectangular plate with dimensions and hole positions. The plate has a width of 4,2 and a height of 2,3. There are 10 holes arranged in two rows of 5. The distance between the center of the first hole and the left edge is 5. The distance between the center of the last hole and the right edge is 4,4*. The holes are represented by circles with a cross inside. The drawing includes dimension lines and arrows indicating the measurements.



Female connector/socket *WINSTA*® MINI 5-pole

The *WINSTA*® MINI female connector/socket B coding are compact but powerful PCB terminal blocks. They offer easy operation and the greatest possible flexibility for installation. Our giant number of pluggable PCB connectors with different insertion directions and operating variants offers you the right solution for your application at all times. The color coding and mechanical coding of the pcb connectors ensure error-free installation of the individual components – including protection against mismatching. Pcb connectors with B coding from the *WINSTA*® MINI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Customer-specific pole marking is possible in addition. Due to its particularly small dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for connections when very little room is available.

WINSTA® MINI solutions for your electrical installation – protected against mismatching and maintenance-free

The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation plug-
gable, and thus more efficient, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and installation errors at
the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your instal-
lation with with locking lever from WAGO.

- effective protection against mismatching
- consistent IP40 protection
- with B coding for use in process automation, such as lighting technology
- quick replacement of defective units during ongoing operation



Notes	
Variants:	Other pole markings 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	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated surge voltage	4 kV	-	-
Rated current	16 A	-	-

Ratings per IEC/EN – Notes	
Rated current (note)	13 A for 3-pole load 10 A for 4- and 5-pole load

Approvals per		UL 1977	
Rated voltage		600 V	
Rated current		12 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	5
Number of levels	1

Connection 1	
Pole number	5

Physical data	
Pin spacing	4.4 mm / 0.173 inches
Width	23.6 mm / 0.929 inches
Height	31.9 mm / 1.256 inches
Height from the surface	28.4 mm / 1.118 inches
Depth	12.2 mm / 0.48 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	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4 5
Potential marking	1 2 3 4 5
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	Locked: > 80 N
Unmating force of a plug-in connection	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load 100, with resistive load I _N = 16 A, tested (1.5 mm ²)
Design	straight

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Mismating protection	Yes
Note on mismating protection	All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Mating direction to the PCB	90 °
Locking lever	Yes
Locking of plug-in connection	Locking lever
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	pink
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	0.019 MJ
Weight	5.3 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)	50 pcs
Packaging type	Box
Country of origin	PL
GTIN	4050821890041
Customs tariff number	85366990990



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations
  		
Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-64351
CB DEKRA Certification B.V.	EN 61984	71-112993
cURus Underwriters Laboratories Inc.	UL 1977	E45171
KEMA/KEUR DEKRA Certification B.V.	EN 60320	2148952.04

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
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 890-885	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 890-885 	ZUKEN Portal 890-885 