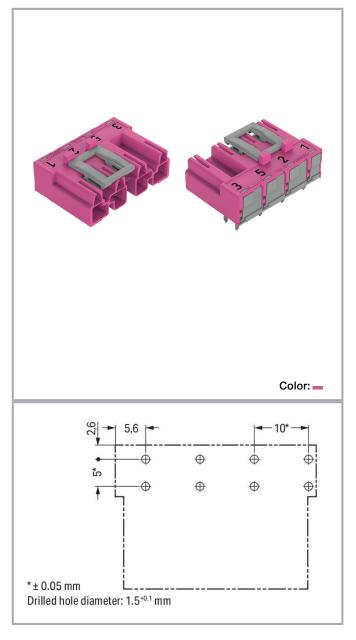
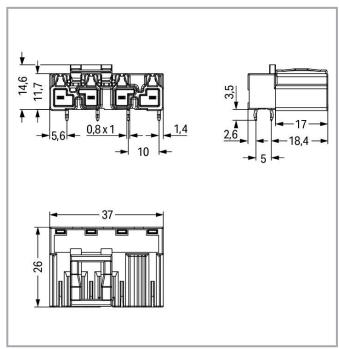
Plug for PCBs; angled; 4-pole; Cod. B; pink

www.wago.com/770-894/011-000/081-000







 $\label{lem:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

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Item description

Male connector/plug WINSTA® MIDI 4-pole

The WINSTA® MIDI male connector/plug 4-pole are compact but high-quality PCB terminal blocks. They offer easy operation and the greatest flexibility for installation. The pluggable PCB connectors with spring pressure connection technology and Push-in CAGE CLAMP® technology from WAGO permit fast, vibration-proof, maintenance-free terminal connections. The coding options reduce installation errors, allowing fast, secure wiring of all components. B coding enables the WINSTA® MIDI pcb connectors to be used for application control in automation, mechanical engineering and robotics. This pcb connectors can be used for a current load of up to 25 A. As a result, pcb connectors can also be used for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy and maximally flexible installation.

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

The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismating from WAGO.

- effective protection against mismating
- pre-assembled versions
- with B coding for controllers such as sun blinds and lighting fixtures
- convenient installation and commissioning

Data Notes

Variants: Other pole markings

Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

configured at https://configurator.wago.com/.

Electrical data

Ratings per IEC/EN

Ratings per IEC/EN 60664-1

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Nominal voltage (III/3)	400 V	
Rated impulse voltage (III/3)	6 kV	
Rated current	25 A	
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3	
Ratings per IEC/EN – Notes		
Note (rated current)	25 A for 3-pole load 20 A for 4-pole load	
Ratings per UL 1977		
Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.	
Rated voltage (UL 1977)	600 V	
Rated current UL 1977	23 A	
General information		
Note on contact resistance	approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/socket	
Connection data		
Total number of potentials	4	
Number of levels	1	
Connection 1		
Pole number	4	
Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	37 mm / 1.457 inches	
Height	18.1 mm / 0.713 inches	
Height from the surface	14.6 mm / 0.575 inches	
Depth	26 mm / 1.024 inches	
Solder pin length	3.5 mm	
Solder pin dimensions	1 x 0.8 mm	
Drilled hole diameter with tolerance	1.5 ^{(-0.1} ^{-0.1)} mm	
Subject to changes. Please also observe the further prod	uct documentation!	
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Mechanical Data

Control technology
В
Yes
3521
3521
approx. 20 70 N (depending on pole number)
Locked: > 80 N
Unlocked: approx. 20 70 N (depending on pole number)
200, without resistive load
angled

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
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	0°
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	ТНТ
Solder pin arrangement	2 in-line solder pins/pole
Number of solder pins per potential	2

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Material data

Note (material data)

Information on		

Color	pink
Insulation material	Polyamide (PA66)
Flammability class per UL94	VO
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.19 MJ
Weight	8.6 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 8.0	EC002560
ETIM 7.0	EC002560
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	PL
GTIN	4050821555896
Customs tariff number	85366990990

Environmental Product Compliance

Approvals / Certificates

General approvals

Certificate

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$

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E45171

Logo Approval Additional Approval Text name

cURus UL 1977

c **FL**us

Underwriters Laboratories Inc.

Counterpart



Item no.770-284/081-000

Socket; 4-pole; Cod. B; 4,00 mm²; pink

www.wago.com/770-284/081-000

Required accessories

Cover

Cover



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

Optional accessories

Coding

Coding



Item no.: 770-401

Coding pin; for plugs; Plastic; gray

www.wago.com/770-401

Downloads

CAD/CAE-Data

CAD data

2D/3D Models 770-894/011-000/081-000

URL

Download

PCB Design

Symbol and Footprint 770-894/011-000/081-000

URL

Download

CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version

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- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

Asset Administration Shell

Asset Administration Shell 770-894/011-000/081-000 URL Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-894/011-000/081-000 URL Download Plug for PCBs; angled; 4-pole; Cod. B; pink

Installation Notes

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Product family

WINSTA® MIDI

Show all products from the family

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