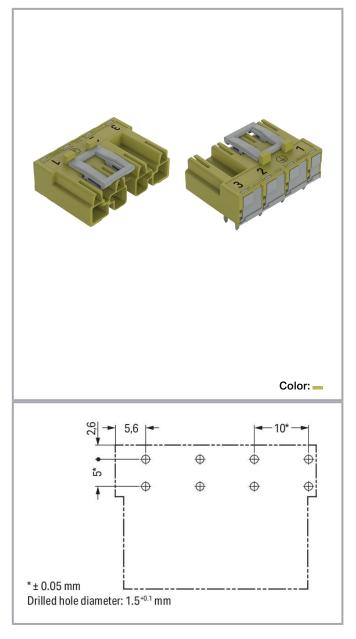
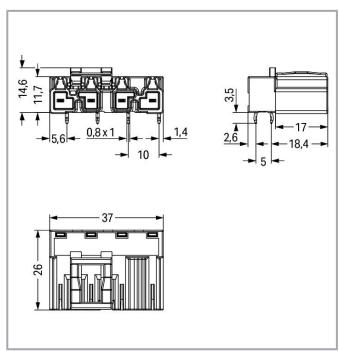
Plug for PCBs; angled; 4-pole; Cod. B; light green

www.wago.com/770-874/011-000/073-000







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

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Item description

Male connector/plug WINSTA® MIDI 4-pole

The WINSTA® MIDI male connector/plug with protection against mismating are compact but high-quality PCB terminal blocks. They offer convenient operation and the greatest flexibility for installation. Our pluggable PCB connectors give you a versatile pluggable connection system for your devices that meets all the conditions for a stable device connection that is easy to put into operation. The mechanical coding and color coding of the pcb connectors ensure error-free installation of the individual components – including protection against mismating. 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 electrical currents up to 25 A. Thus the product is especially suitable for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in can be found in a variety of projects you can use for quick, easy and maximally flexible electrical installation.

WINSTA® MIDI solutions for your electrical installation – protected against mismating and maintenance-free

The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Now you can also cut installation expenses without compromising safety and quality: with marking reduces the need for servicing and prevents unnecessary downtime.

- protection against mismating eliminates errors
- for automation controllers
- with B coding for controllers, for example lighting fixtures and sun blinds
- fast, secure installation

Data 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

Ratings per IEC/EN 60664-1

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

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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!
WAGO GmbH & Co. KG	Do you have any questions about our products?
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Mechanical Data

Application	Control technology
Coding	В
Variable coding	Yes
Marking	3 2 ∮ 1
Potential marking	3 2 ∮ 1
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
Design	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	THT
Solder pin arrangement	2 in-line solder pins/pole
Number of solder pins per potential	2

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

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Material data

Note (material data)

Information on material specifications can be found here

light green Polyamide (PA66)
Polyamide (PA66)
1 Olyanilde (1 Add)
V0
Chrome-nickel spring steel (CrNi)
Copper or copper alloy; surface-treated
Tin
0.19 MJ
8.6 g

Environmental requirements

Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
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	4050821555827
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals

Certificate

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E45171

Logo Approval Additional Approval Text name

cURus UL 1977

c **FL**us

Underwriters Laboratories Inc.

Counterpart



Item no.770-264/073-000 Socket; 4-pole; Cod. B; 4,00 mm²; light green

www.wago.com/770-264/073-000

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

PCB Design

Symbol and Footprint 770-874/011-000/073-000

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
- Cadence Allegro
- DesignSpark
- Eagle Libraries

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- 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 770-874/011-000/073-000 URL Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-874/011-000/073-000
Plug for PCBs; angled; 4-pole; Cod. B; light green

URL

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Installation Notes

Product family

WINSTA® MIDI

Show all products from the family

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