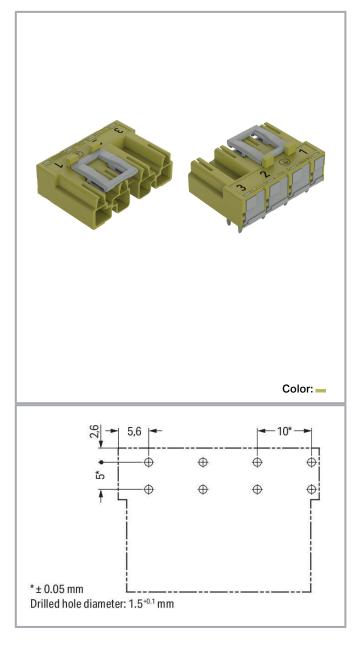
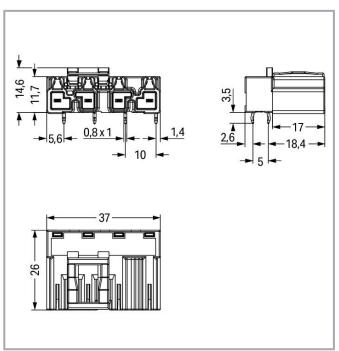
Plug for PCBs; angled; 4-pole; Cod. B; light green

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







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

WAGO GmbH & Co. KG Hansastr. 27 32423 Minden

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Item description

Male connector/plug WINSTA® MIDI with protection against mismating

The WINSTA® MIDI male connector/plug with protection against mismating offers very secure handling to support control and drive technology tasks. The pluggable PCB connectors with spring pressure connection technology and Push-in CAGE CLAMP® technology from WAGO permit maintenance free terminal connections. For greater security in electrical installations, the pcb connector is provided with mechanical protection against mismating. Pcb connectors with B coding from the WINSTA® MIDI 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. This pcb connector 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 found in a broad range of individual products you can use for quick, easy and maximally flexible installation.

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

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – the WINSTA® MIDI pcb connector with marking from WAGO makes the installation of electrical components noticeably easier.

- -
- effective protection against mismating
- simple circuits
- for automation controllers
- 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/.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1	
Nominal voltage (III/3)	400 V	
Rated impulse voltage (III/3)	6 kV	

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Rated current	25 A
Note (rated current)	25 A for 3-pole load
	20 A for 4-pole load
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3
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	
Note on contact resistance	approx. 1 m Ω of contact resistance
	approx. 0.25 mΩ 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

Mechanical Data

Application Control technology

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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	

Material Data

Note (material data)
Information on material specifications can be found here

light green

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Color

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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 -35 +85 °C	
Continuous operating temperature		
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
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

	cURus	UL 1977	E45171
Logo	Approval	Additional Approval Text	name
			Certificate



Underwriters Laboratories Inc.

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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

CAx data for your PCB design, consisting of "schematic symbols and PCB footprints",

allow easy integration of the WAGO component into your development environment.

URL Download

Supported formats:

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

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- 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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-874/011-000/073-000

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URL

Download

Installation Notes

Product family

WINSTA® MIDI

Show all products from the family

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