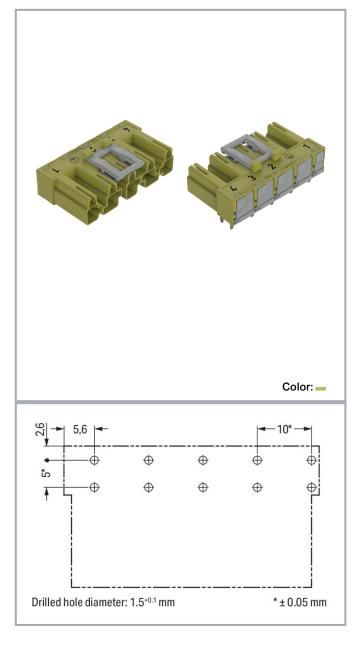
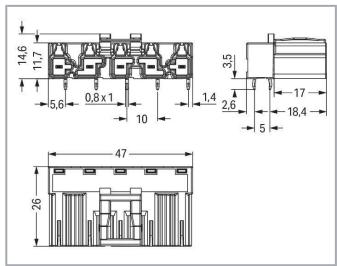
Plug for PCBs; angled; 5-pole; Cod. B; light green

www.wago.com/770-875/011-000/073-000







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

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Item description

Male connector/plug WINSTA® MIDI with protection against mismating

WAGO offers various connection technology solutions for connecting devices, for example, the *WINSTA*® MIDI male connector/plug. Our pluggable PCB connectors provide a versatile pluggable connection system for your devices that meets all the requirements for a stable device connection that is easy to put into operation. For greater security in electrical installations, the pcb connectors is equipped with mechanical protection against mismating. Solutions like the *WINSTA*® MIDI pcb connectors with B coding are suitable for process control, for example, for lighting or within data networks. This pcb connectors can be used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the included test slot, connections can be checked even when they are plugged in. This saves time, labor, and money.

Lower costs through fast commissioning and elimination of service expenses – solutions from WINSTA® MIDI

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – with locking lever from WAGO makes the electrical installation of electrical components noticeably easier.

- protection against mismating eliminates errors
- simple circuits
- with B coding for controllers such as sun blinds and lighting fixtures
- rapid, structured electrical 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
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV

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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- and 5-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	5
Number of levels	1
Connection 1	
Pole number	5
Physical data	
Pin spacing	10 mm / 0.394 inches
Width	47 mm / 1.85 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

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We are always happy to take your call at +49 (571) 887-44222.

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Mechanical data

Application	Control technology
Coding	В
Variable coding	Yes
Marking	4 3 2 💺 1
Potential marking	4 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

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Material data

Note (material data)

Information on material specifications can be found here

Color	light green
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	0.231 MJ
Weight	10.7 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

Customs tariff number	85366990990
GTIN	4050821553878
Country of origin	PL
Packaging type	box
PU (SPU)	50 pcs
ECCN	NO DATA
ETIM 7.0	EC002560
ETIM 8.0	EC002560
eCl@ss 9.0	27-44-06-05
eCl@ss 10.0	27-44-06-05

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals

Certificate

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Logo Approval Additional Approval Text name cURus UL 1977 E45171 Underwriters Laboratories Inc. cURus UL 1059 E 45172 Underwriters Laboratories Inc.

Counterpart



Item no.770-265/073-000 Socket; 5-pole; Cod. B; 4,00 mm²; light green

www.wago.com/770-265/073-000

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

CAD data

2D/3D Models 770-875/011-000/073-000

URL

URL

Download

Download

PCB Design

Symbol and Footprint 770-875/011-000/073-000

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

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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
- 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 770-875/011-000/073-000 URL Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-875/011-000/073-000 URL Download Plug for PCBs; angled; 5-pole; Cod. B; light green

Installation Notes

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Product family

WINSTA® MIDI Show all products from the family

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