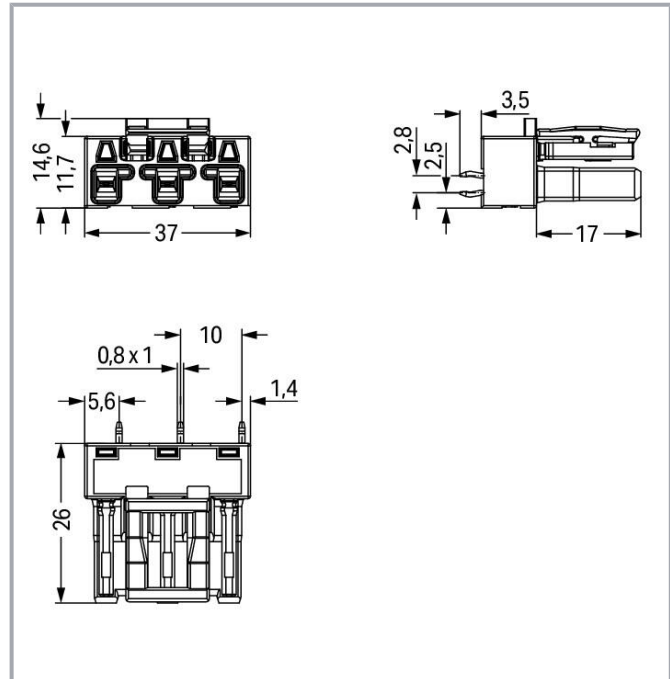


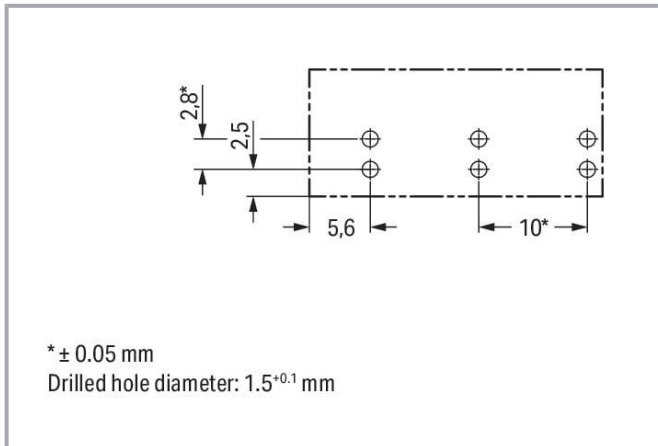


 Picture differs from the item.

Color: 



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



Item description

Female connector/socket WINSTA® MIDI rated current 25 A

WAGO has various connection solutions for any challenge in building installation, for example, the WINSTA® MIDI female connector/socket. Our pluggable PCB connectors give you a universal 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 protection in electrical installations, the pcb connectors is equipped with mechanical protection against mismating. Solutions like the WINSTA® MIDI pcb connectors with B coding are appropriate for applications involving process control, for example, for lighting or within data networks. This pcb connectors is used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in can be found in a variety of projects you can use for quick, easy and maximally flexible installation.

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

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also lower installation costs without compromising safety and quality: with protection against mismating eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- pre-assembled versions
- with B coding for use in process automation, such as lighting technology
- fast, secure installation

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) $\triangleq$ 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 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	3
Number of levels	1

Connection 1

Pole number	3
-------------	---

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



Physical data

Pin spacing	10 mm / 0.394 inches
Width	27 mm / 1.063 inches
Height	29.5 mm / 1.161 inches
Height from the surface	26 mm / 1.024 inches
Depth	14.6 mm / 0.575 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
Coding	B
Variable coding	Yes
Marking	L ∇ N
Potential marking	L ∇ N
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	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

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



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	gray
Insulation material	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	0.131 MJ
Weight	6.4 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
PU (SPU)	100 pcs
Packaging type	box
Country of origin	PL
GTIN	4050821553212
Customs tariff number	85366990990

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Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171

Counterpart



Item no. 770-253/060-000
Plug; 3-pole; Cod. B; 4,00 mm²; gray

www.wago.com/770-253/060-000

Required accessories

Cover

Cover		
	Item no.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black	www.wago.com/770-201
	Item no.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white	www.wago.com/770-221

Downloads

CAD/CAE-Data

CAD data

2D/3D Models 770-843/060-000	URL	Download
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PCB Design

Symbol and Footprint 770-843/060-000	URL	Download
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Subject to changes. Please also observe the further product documentation!



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
- 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

CAE data

ZUKEN Portal 770-843/060-000	URL	Download
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Asset Administration Shell

Asset Administration Shell 770-843/060-000	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-843/060-000

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Socket for PCBs; straight; 3-pole; Cod. B; gray

[URL](#)

[Download](#)

Installation Notes

Product family

WINSTA® MIDI

[Show all products from the family](#)

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

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