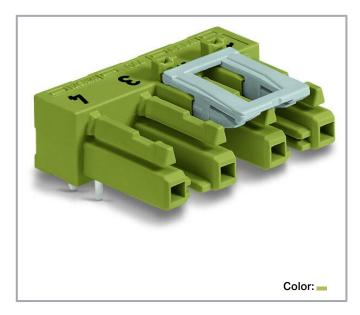
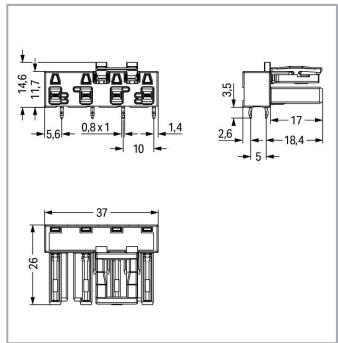
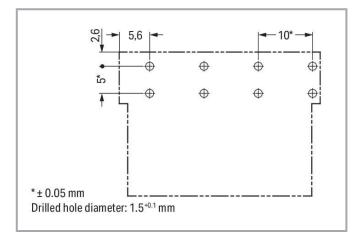
Socket for PCBs; angled; 4-pole; Cod. B; light green

www.wago.com/770-864/011-000









Item description

Female connector/socket WINSTA® MIDI rated current 25 A

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

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The WINSTA® MIDI female connector/socket B coding saves space and money and space thanks to its compact dimensions. The pluggable PCB connectors with spring pressure connection technology and Push-in CAGE CLAMP® technology from WAGO allow maintenance free terminal connections. For greater security in electrical installations, the pcb connectors is equipped with mechanical protection against mismating. Pcb connectors with B coding from the WINSTA® MIDI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible, too. This pcb connectors is designed for a current load of up to 25 A. Therefore, pcb connectors can also be used for high power loads. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Thanks to the included test slot, connections can be checked even when they are plugged in. This saves time, labor, and money.

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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with locking lever from WAGO.

- effective protection against mismating
- simple circuits
- with B coding for use in process automation, such as lighting technology, for example
- 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
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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Ratings per IEC/EN - Notes

	20 A for 4-pole load
Note (rated current)	25 A for 3-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. $0.25~\text{m}\Omega$ 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	

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

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В
Yes
1234
1234
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

Female connector/socket
for PCB
Yes
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
0°
yes
locking lever
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

Material data

Note (material data)

Information on material specifications can be found here

Color light green

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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	0.16 MJ
Weight	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	4050821446316
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	IEC 61984	NL-32104
KEMA	CCA DEKRA Certification B.V.	EN 61984	2173495.01

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cURus Underwriters Laboratories Inc. UL 1977 E45171



Declarations of conformity and manufacturer's declarations

		A LIVE THE THE PERSON OF THE P	Certificate
Logo	Approval	Additional Approval Text	name
(6	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

			Certificate
Logo	Approval	Additional Approval Text	name
ABS.	ABS	-	19-
	American Bureau of Shipping		HG1868589-
TAPRONEO PRO			PDA
AND USUDAND	DNV GL	-	TAE00001Z6
	Det Norske Veritas, Germanischer Lloyd		
DNV.COM/AF			
	LR	IEC 61984	LR22429487TA
518	Lloyds Register		

Counterpart

	$\label{lem:no.771-9994/005-105} Item no.771-9994/005-105 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; H05VV-F 4 x 1.0 mm²; 1 m; 1,00 mm²; light green$	www.wago.com/771-9994 /005-105
Will the same	Item no.770-274 Plug; 4-pole; Cod. B; 4,00 mm²; light green	www.wago.com/770-274
	Item no.771-9994/205-105 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B; Control cable 4 x 1.0 mm²; 1 m; 1,00 mm²; light green	www.wago.com/771-9994 /205-105

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

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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 770-864/011-000

URL

Download

PCB Design

Symbol and Footprint 770-864/011-000

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
- 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

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- 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 770-864/011-000

URL Download

Asset Administration Shell

Asset Administration Shell 770-864/011-000

URL Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-864/011-000

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

Installation Notes

Product family

WINSTA® MIDI

Show all products from the family

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