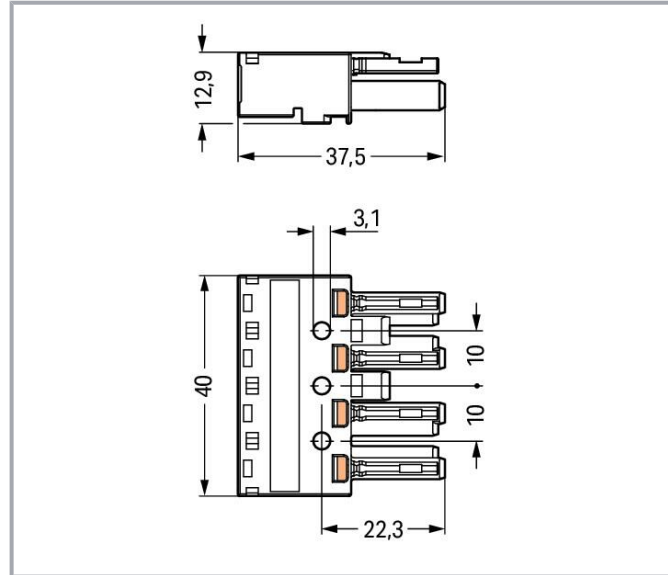
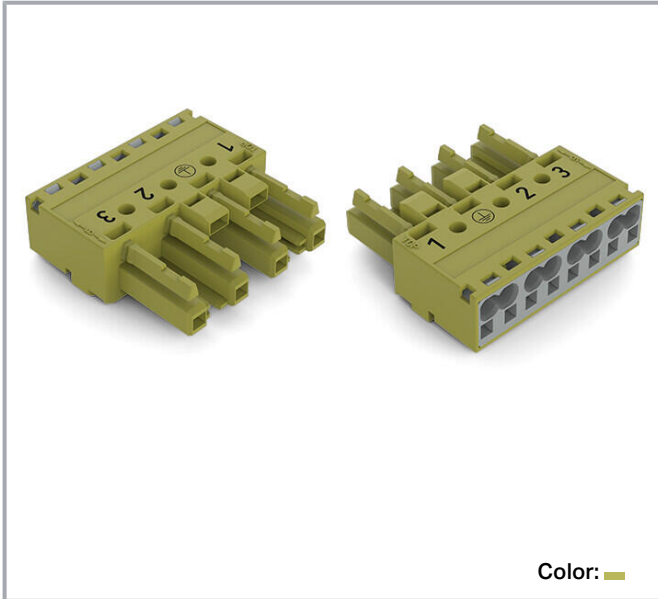


Data sheet | Item number: 770-264/073-000  
Socket; 4-pole; Cod. B; 4,00 mm<sup>2</sup>; light green

[www.wago.com/770-264/073-000](http://www.wago.com/770-264/073-000)



## Item description

### Female connector/socket *WINSTA*® MIDI 4-pole

For signal and power transmission: The *WINSTA*® MIDI female connector/socket 4-pole. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow fast, efficient, error-free installation in a large number of applications. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated and secured with a strain relief housing: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with energised elements. B coding enables the *WINSTA*® MIDI pluggable installation connectors to be used for application control in automation, robotics, and mechanical engineering. This pluggable installation connector can be used for a load of up to 25 A. As a result, it can also be used for high power loads. Our *WINSTA*® MIDI product line offers total flexibility for the electrical installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees error-free, time-saving installation and offers flexibility and customization for meeting an enormous variety of installation requirements.

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.



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

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

- 
- protection against mismatching eliminates errors
- simple circuits
- for automation controllers
- ready to install and use immediately
- 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

**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

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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 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
----------------------------	--

## Connection data

Connection points	8
Total number of potentials	4

## Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool Push-in
Nominal cross-section	4 mm <sup>2</sup> / 12 AWG
Solid conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Solid conductor; push-in termination	1.5 ... 4 mm <sup>2</sup> / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1.5 mm <sup>2</sup> / 16 AWG
Strip length	9 mm / 0.35 inches
Pole number	4
Conductor entry direction to mating direction	0°

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	40 mm / 1.575 inches
Height	12.9 mm / 0.508 inches
Depth	37.5 mm / 1.476 inches

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



## Mechanical Data

Application	Control technology
Coding	B
Variable coding	Yes
Marking	1 $\frac{1}{2}$ 2 3
Potential marking	1 $\frac{1}{2}$ 2 3
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
Protection type	IP20; When mated and secured with a strain relief housing: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

## Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> <sup>®</sup> 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
Locking lever	Can be retrofitted
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).

## Material data

Note (material data)	Information on material specifications can be found here
Color	light green
Cover color	gray

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



Material group	I
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	0.221 MJ
Weight	12.6 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
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821555766
Customs tariff number	85366990990

### 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

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



cURus  
Underwriters Laboratories Inc.

UL 1059

E 45172

## Counterpart



**Item no. 770-774/073-000**  
Snap-in plug; 4-pole; Cod. B; 4,00 mm<sup>2</sup>; light green

[www.wago.com/770-774/073-000](http://www.wago.com/770-774/073-000)



**Item no. 770-274/073-000**  
Plug; 4-pole; Cod. B; 4,00 mm<sup>2</sup>; light green

[www.wago.com/770-274/073-000](http://www.wago.com/770-274/073-000)



**Item no. 770-874/011-000/073-000**  
Plug for PCBs; angled; 4-pole; Cod. B; light green

[www.wago.com/770-874/011-000/073-000](http://www.wago.com/770-874/011-000/073-000)



**Item no. 770-874/073-000**  
Plug for PCBs; straight; 4-pole; Cod. B; light green

[www.wago.com/770-874/073-000](http://www.wago.com/770-874/073-000)

## Required accessories

### Strain relief

#### Strain relief housing



**Item no.: 770-504/023-000**  
Strain relief housing; 4-pole; for 2 cables; 5.0 ... 9.0 mm; 55 mm; black

[www.wago.com/770-504/023-000](http://www.wago.com/770-504/023-000)



**Item no.: 770-514**  
Strain relief housing; 4-pole; for 2 cables; 9.0 ... 13.0 mm; 55 mm; white

[www.wago.com/770-514](http://www.wago.com/770-514)



**Item no.: 770-504**  
Strain relief housing; 4-pole; for 2 cables; 9.0 ... 13.0 mm; 55 mm; black

[www.wago.com/770-504](http://www.wago.com/770-504)



**Item no.: 770-514/023-000**  
Strain relief housing; 4-pole; for 2 cables; 5.0 ... 9.0 mm; 55 mm; white

[www.wago.com/770-514/023-000](http://www.wago.com/770-514/023-000)

### Locking levers

#### Locking system



**Item no.: 770-121**  
Locking lever; for flying leads; for manual operation; white

[www.wago.com/770-121](http://www.wago.com/770-121)

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



**Item no.: 770-131**

Locking lever; for flying leads; for tool operation; white

[www.wago.com/770-131](http://www.wago.com/770-131)



**Item no.: 770-101**

Locking lever; for flying leads; for manual operation; black

[www.wago.com/770-101](http://www.wago.com/770-101)



**Item no.: 770-111**

Locking lever; for flying leads; for tool operation; black

[www.wago.com/770-111](http://www.wago.com/770-111)

## Optional accessories

### Tool

Operating tool



**Item no.: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

[www.wago.com/210-719](http://www.wago.com/210-719)

### Mounting

Mounting accessories



**Item no.: 770-319**

Snap-in frame; 4-pole; 1.0 ... 3.0 mm; black

[www.wago.com/770-319](http://www.wago.com/770-319)



**Item no.: 770-339**

Snap-in frame; 4-pole; 1.0 ... 3.0 mm; white

[www.wago.com/770-339](http://www.wago.com/770-339)

### Strain relief

Strain relief housing



**Item no.: 770-504/020-000**

Strain relief housing; 4-pole; for 1 cable; 11.5 ... 16.5 mm; 71 mm; black

[www.wago.com/770-504/020-000](http://www.wago.com/770-504/020-000)

### Marking accessories

Marker



**Item no.: 770-450/000-002**

Marker card; Plastic; yellow

[www.wago.com/770-450/000-002](http://www.wago.com/770-450/000-002)



**Item no.: 770-450/000-001**

Marker card; Plastic; green

[www.wago.com/770-450/000-001](http://www.wago.com/770-450/000-001)



**Item no.: 770-450/000-005**

Marker card; Plastic; red

[www.wago.com/770-450/000-005](http://www.wago.com/770-450/000-005)

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

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**Item no.: 770-450**  
Marker card; Plastic; white

[www.wago.com/770-450](http://www.wago.com/770-450)



**Item no.: 770-450/000-006**  
Marker card; Plastic; blue

[www.wago.com/770-450/000-006](http://www.wago.com/770-450/000-006)



**Item no.: 770-450/000-012**  
Marker card; Plastic; orange

[www.wago.com/770-450/000-012](http://www.wago.com/770-450/000-012)

## Cover

### Cover



**Item no.: 770-201**  
Lockout cap; 12-pole, separable; for sockets; Plastic; black

[www.wago.com/770-201](http://www.wago.com/770-201)



**Item no.: 770-221**  
Lockout cap; 12-pole, separable; for sockets; Plastic; white

[www.wago.com/770-221](http://www.wago.com/770-221)



**Item no.: 897-2005**  
Protective cap; Type4; for sockets and plugs; PVC; red

[www.wago.com/897-2005](http://www.wago.com/897-2005)

## Downloads

### Documentation

#### Bid Text

770-264/073-000 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
770-264/073-000 doc - Datei	2015 Jun 8	doc 25.1 kB	Download

### CAD/CAE-Data

#### CAD data

2D/3D Models 770-264/073-000	URL	Download
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#### CAE data

WSCAD Universe 770-264/073-000	URL	Download
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WSCAD Universe 770-264/073-000	URL	Download
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Subject to changes. Please also observe the further product documentation!



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ZUKEN Portal 770-264/073-000	<a href="#">URL</a>	<a href="#">Download</a>
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### Asset Administration Shell

Asset Administration Shell 770-264/073-000	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

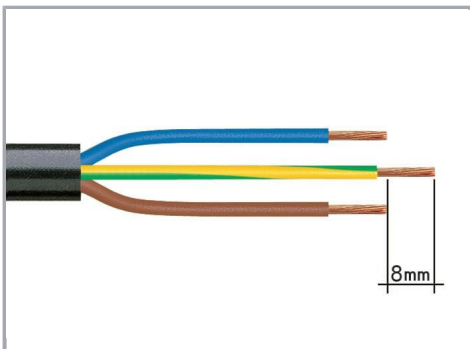
Environmental Product Compliance 770-264/073-000	<a href="#">URL</a>	<a href="#">Download</a>
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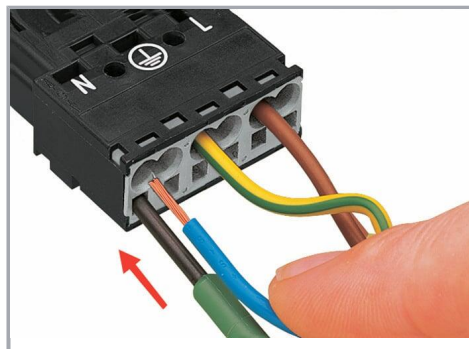
Socket; 4-pole; Cod. B; 4,00 mm<sup>2</sup>; light green

## Installation Notes

### Conductor termination

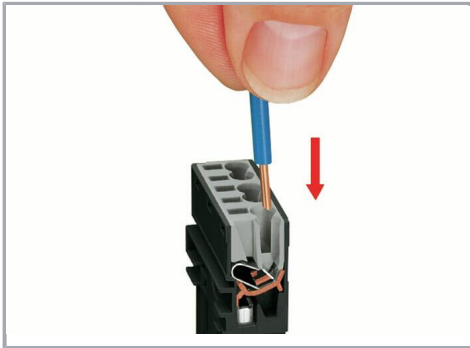


1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)
2. Strip length = 9 mm
3. Extended ground conductor = 8 mm

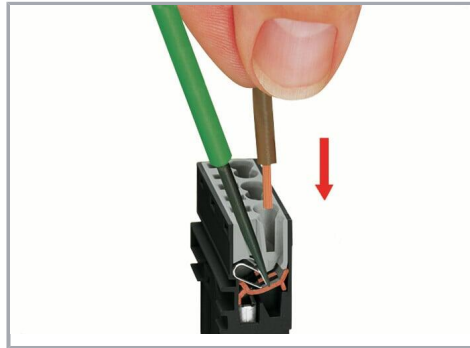


To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits the backstop.

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

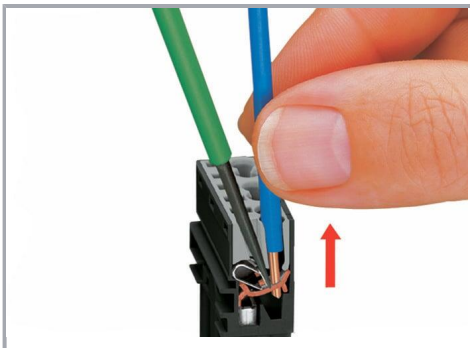


Insert the stripped solid conductor until it hits the backstop.



To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits the backstop.

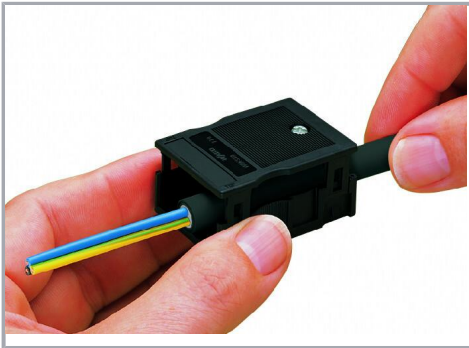
#### Conductor removal



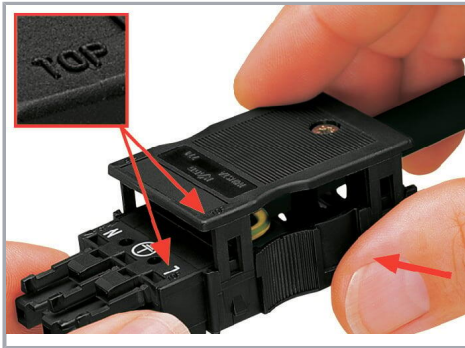
To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.

#### Installation

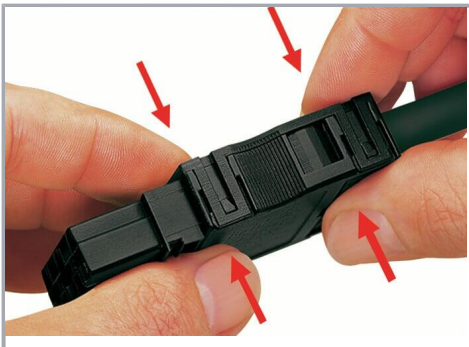
Subject to changes. Please also observe the further product documentation!



We recommend pulling the pre-latched strain relief housing over the cable prior to termination. However, the strain relief can be mounted at a later time as well.



Latch the strain relief housing onto the plug /socket. Note the "TOP" inscription.



Prepare strain relief housing by snapping together upper and bottom part.

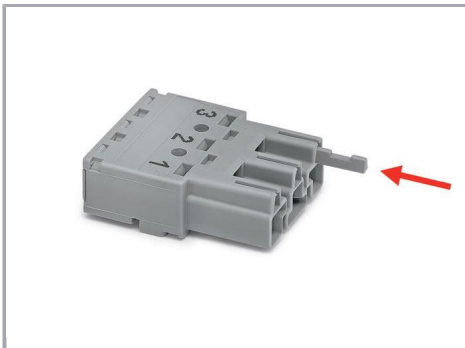


Tighten strain relief screw with screwdriver (2.5 mm blade width).

### Coding



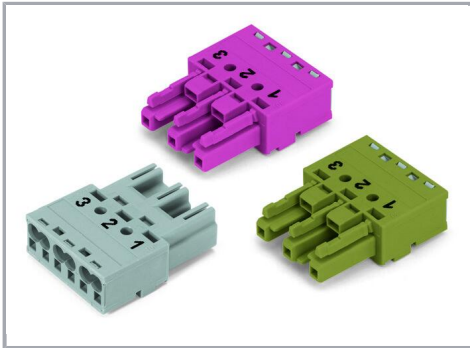
Simply cut off the coding pin from the socket.



Insert coding pin into plug (break first) until it engages.

### Mismatching protection

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

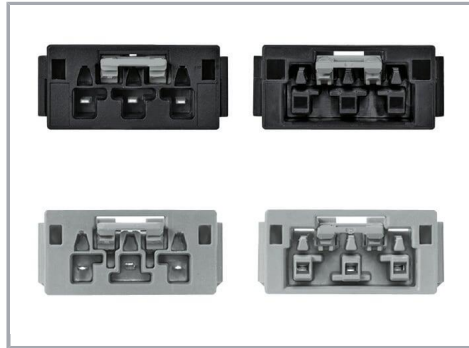


B-coded connectors with different colors can be plugged together.

**Important note:**

Different colors and/or pole markings are used for circuit identification.

Only connectors of the same color and same pole marking must be plugged together.



B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.



Easy circuit identification via different marking and colors

## Product family

### WINSTA® MIDI

[Show all products from the family](#)

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