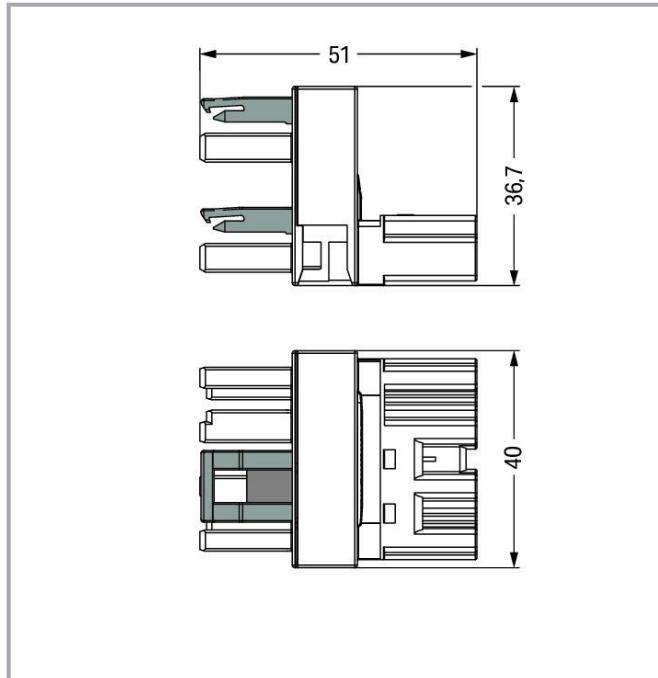


Color: ■■■■■



## Item description

### Distribution connector *WINSTA® MIDI* 4-pole

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA® MIDI* distribution connector rated current 25 A. Our pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow flexible, error-free installation in numerous applications. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Thanks to the color coding and mechanical A coding of *WINSTA® MIDI* pluggable installation connectors, you can clearly distinguish different circuits. This pluggable installation connector can be used for a voltage load of up to 25 A. Thus, it can also be used 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, flexible, and secure installation.

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

WAGO GmbH & Co. KG  
Hansastra. 27

32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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

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. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with protection type IP20 from WAGO.

- 
- pluggable installation connectors with protection against mismatching
- pre-assembled versions
- for any mains application
- ready for immediate use
- fast, secure installation

### Data

#### 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) $\triangleq$ 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 $\Omega$ of contact resistance approx. 0.25 m $\Omega$ contact transition plug/socket
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Subject to changes. Please also observe the further product documentation!

## Connection data

Total number of potentials	4
PE function	Preceding PE contact

## Connection 1

Pole number	4
-------------	---

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	40 mm / 1.575 inches
Height	36.7 mm / 1.445 inches
Depth	51 mm / 2.008 inches

## Mechanical Data

Application	General mains applications
Coding	A
Marking	N $\pm$ 2/L 1/L'
Potential marking	N $\pm$ 2/L 1/L'
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	When 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
Type of distribution box	h-distribution connector, outputs at one end
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

## Plug-in connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Note on mismating protection	All WINSTA <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	yes

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

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).

Number of locking levers

## Material data

Note (material data)

Information on material specifications can be found here

Color	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	VO
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.534 MJ
Weight	31.6 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

Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454982041
Customs tariff number	85366990990

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

## 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
	cURus Underwriters Laboratories Inc.	UL 1059	E 45172

## Counterpart

	<b>Item no.770-124</b> Socket; with strain relief housing; 4-pole; Cod. A; 4,00 mm <sup>2</sup> ; white	<a href="http://www.wago.com/770-124">www.wago.com/770-124</a>
	<b>Item no.770-134</b> Plug; with strain relief housing; 4-pole; Cod. A; 4,00 mm <sup>2</sup> ; white	<a href="http://www.wago.com/770-134">www.wago.com/770-134</a>
	<b>Item no.770-234</b> Plug; 4-pole; Cod. A; 4,00 mm <sup>2</sup> ; white	<a href="http://www.wago.com/770-234">www.wago.com/770-234</a>
	<b>Item no.770-224</b> Socket; 4-pole; Cod. A; 4,00 mm <sup>2</sup> ; white	<a href="http://www.wago.com/770-224">www.wago.com/770-224</a>
	<b>Item no.771-9994/006-102</b> pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; white	<a href="http://www.wago.com/771-9994/006-102">www.wago.com/771-9994/006-102</a>
	<b>Item no.771-9994/106-102</b> pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; white	<a href="http://www.wago.com/771-9994/106-102">www.wago.com/771-9994/106-102</a>
	<b>Item no.771-9994/206-102</b> pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; white	<a href="http://www.wago.com/771-9994/206-102">www.wago.com/771-9994/206-102</a>

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Hansastraße 27

32423 Minden

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## Optional accessories

### Mounting

#### Mounting accessories



Item no.: 770-624

Mounting plate; 4-pole; for distribution connectors; Plastic; black

[www.wago.com/770-624](http://www.wago.com/770-624)



Item no.: 770-674

Mounting plate; 4-pole; for distribution connectors; Plastic; white

[www.wago.com/770-674](http://www.wago.com/770-674)

### Cover

#### Cover



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

[www.wago.com/770-360](http://www.wago.com/770-360)



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)

## Downloads

### Documentation

#### Bid Text

770-994	2019 Feb 19	xml	<a href="#">Download</a>
X81 - Datei		2.8 kB	
770-994	2015 Mar 12	doc	<a href="#">Download</a>
doc - Datei		23.6 kB	

### CAD/CAE-Data

#### CAD data

2D/3D Models 770-994	<a href="#">URL</a>	<a href="#">Download</a>
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#### CAE data

WSCAD Universe 770-994	<a href="#">URL</a>	<a href="#">Download</a>
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ZUKEN Portal 770-994

[URL](#)

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#### Asset Administration Shell

Asset Administration Shell 770-994

[URL](#)

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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 770-994

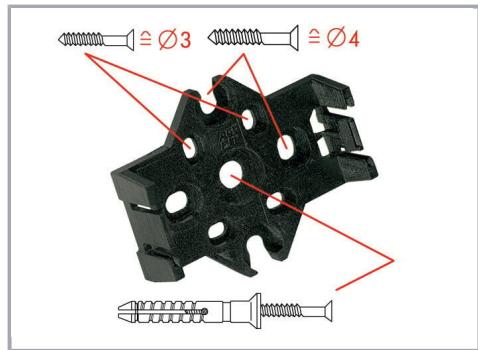
[URL](#)

[Download](#)

h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; white

#### Installation Notes

##### Installation



Mounting plates can be secured using commercially available screws or nail-drive anchors.



The distribution connectors snap together when attached to the mounting plate.

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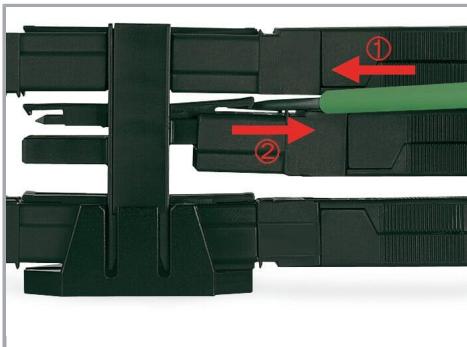
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To release the distribution connector, unlock the latch using a screwdriver.



All distribution connector connections are locked and protected against accidental disconnection directly after mating. Locking of any connection is released using a screwdriver, even if all connections are used.

## Product family

**WINSTA® MIDI**

[Show all products from the family](#)

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Hansastraße 27

32423 Minden

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