

Item description

Distribution connector *WINSTA*® MIDI with protection type IP20

For signal and power transmission: The *WINSTA*® MIDI distribution connector A coding. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector offers touch-proof protection with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). General mains applications for almost any domain of use can be realised with *WINSTA*® MIDI pluggable installation connectors with A coding. This pluggable installation connector is used for electrical currents up to 25 A. Thus the product is especially suitable for high power loads. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Thanks to the included test slot, it is possible to check connections even when they are plugged in. That saves time and reduces installation labor and costs.

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



WINSTA® MIDI solutions for your electrical installation – protected against mismatching and maintenance-free

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also lower installation costs without compromising safety and quality: with locking lever reduces the need for servicing and prevents unnecessary downtime.

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- protection against mismatching eliminates errors
- pre-assembled versions
- for any mains application
- flexible installation to save space
- quick replacement of defective units during ongoing operation

Data

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) ≙ 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 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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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.



Connection data

Total number of potentials	3
PE function	Preceding PE contact

Connection 1

Pole number	3
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Physical data

Pin spacing	10 mm / 0.394 inches
Width	30 mm / 1.181 inches
Height	48 mm / 1.89 inches
Depth	46 mm / 1.811 inches

Mechanical data

Application	General mains applications
Coding	A
Marking	L \perp N
Potential marking	L \perp N
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	Distribution connector, 5-way
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 [®] 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	6

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.567 MJ
Weight	36.1 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	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
ECCN	NO DATA
PU (SPU)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454251529
Customs tariff number	85366990990

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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 61535	NL -84761
	CCA DEKRA Certification B.V.	EN 61535	71- 123228
	cURus Underwriters Laboratories Inc.	UL 1977	E45171
	cURus Underwriters Laboratories Inc.	UL 1059	E 45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1868589- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

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LR
Lloyds Register

IEC 61984

LR22429487TA

Counterpart



Item no. 770-123
Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-123

Item no. 770-133
Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-133

Item no. 770-223
Socket; 3-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-223

Item no. 770-223/035-050
Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-223/035-050

Item no. 770-233
Plug; 3-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-233

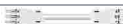
Item no. 770-233/035-050
Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-233/035-050

Item no. 771-9993/106-102
pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com/771-9993/106-102

Item no. 771-9993/206-102
pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com/771-9993/206-102

Item no. 771-9993/006-102
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com/771-9993/006-102

Optional accessories

Cover

Cover



Item no.: 770-360
Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

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

**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

Mounting

Mounting accessories

**Item no.: 770-623**

Mounting plate; 3-pole; for distribution connectors; Plastic; black

www.wago.com/770-623**Item no.: 770-673**

Mounting plate; 3-pole; for distribution connectors; Plastic; white

www.wago.com/770-673

Downloads

Documentation

Bid Text

770-658 X81 - Datei	2019 年2月19 日	xml 2.8 kB	Download
770-658 doc - Datei	2015 年3月12 日	doc 23.6 kB	Download
ausschreiben.de 770-658		URL	Download

CAD/CAE-Data

CAD data

2D/3D Models 770-658	URL	Download
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CAE data

EPLAN Data Portal 770-658	URL	Download
WSCAD Universe 770-658	URL	Download
ZUKEN Portal 770-658	URL	Download

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

Asset Administration Shell

Asset Administration Shell 770-658	URL	Download
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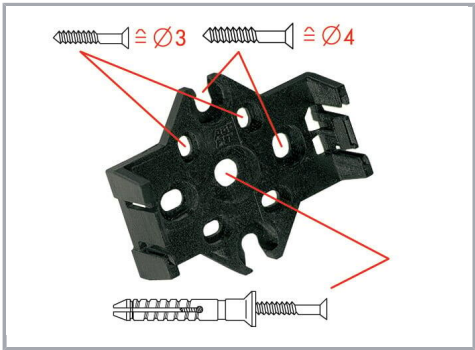
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-658	URL	Download
5-way distribution connector; 3-pole; Cod. A; 1 input; 5 outputs; white		

Installation Notes

Installation



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

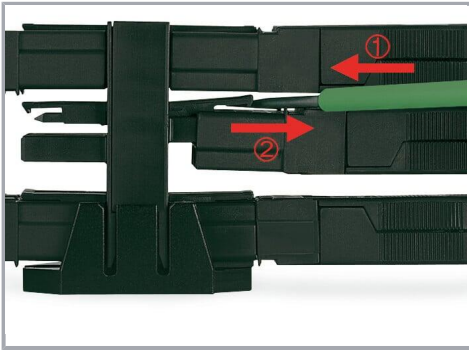


The distribution connectors snap together when attached to the mounting plate.



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

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



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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