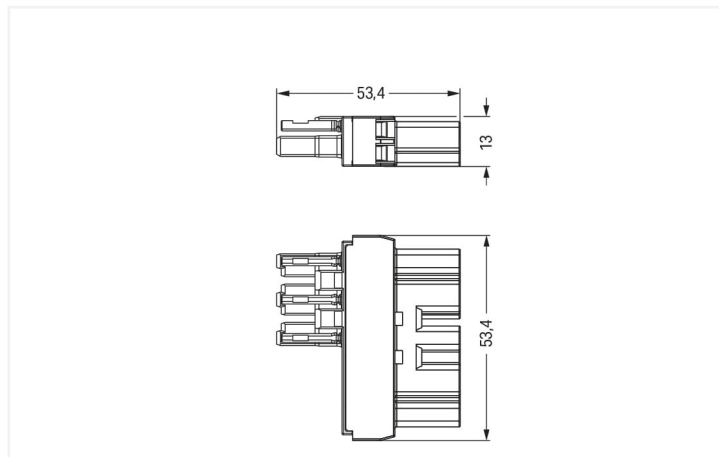


Color: ■ black



Dimensions in mm

Distribution connector *WINSTA*® MIDI A coding

The *WINSTA*® MIDI distribution connector with protection against mismatching is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including 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 implemented with *WINSTA*® MIDI pluggable installation connectors with A coding. This pluggable installation connector can be used for electrical currents up to 25 A. Thus the product is ideally suitable 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. That saves time and reduces installation labor and costs.

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

The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose durability and quality – the *WINSTA*® MIDI pluggable installation connector with locking lever from WAGO makes the electrical installation of electrical components visibly easier.

- protection against mismatching eliminates errors
- pre-assembled versions
- for any mains application
- ready for immediate use
- quick replacement of defective units during ongoing operation

**Electrical data**

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	25 A	-	-

Ratings per IEC/EN 2	
Rated voltage (III/3) 2	250 V
Rated surge voltage (III/3) 2	4 kV

Approvals per	UL 1977
Rated voltage	600 V
Rated current	23 A

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

## Connection data

Total number of potentials	5	<b>Connection 1</b>	
		Pole number	5

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	53.4 mm / 2.102 inches
Height	13 mm / 0.512 inches
Depth	53.4 mm / 2.102 inches

## Mechanical data

Application	General mains applications
Coding	A
Variable coding	Yes
Marking	L3 - L 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	Intermediate coupler
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
Suitable	5- to 3-pole; L3 - L

## Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® 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
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)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.411 MJ
Weight	17.4 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**

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)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454424640
Customs tariff number	85366990990

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 1059	E 45172

**Downloads**





**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 770-903	<a href="#">↓</a>

**Documentation**

Bid Text			
770-903	19.02.2019	xml 2.69 KB	<a href="#">↓</a>
770-903	10.12.2014	doc 23.50 KB	<a href="#">↓</a>

### CAD/CAE-Data

CAD data	CAE data
2D/3D Models 770-903 	EPLAN Data Portal 770-903 
	WSCAD Universe 770-903 
	ZUKEN Portal 770-903 

### 1 Compatible Products

#### 1.1 Optional Accessories

##### 1.1.1 Cover

##### 1.1.1.1 Cover



[Item No.: 770-201](#)  
Lockout cap; 12-pole, separable; for sockets; Plastic; black

[Item No.: 770-221](#)  
Lockout cap; 12-pole, separable; for sockets; Plastic; white

[Item No.: 770-360](#)  
Lockout cap; for plugs; 5-pole; separable; yellow