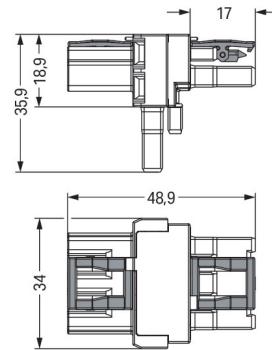




Color: ■ black

Dimensions in mm

Distribution connector *WINSTA® MIDI* 3-pole

The *WINSTA® MIDI* distribution connector with locking latch is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow resource-efficient, error-free installation in numerous 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 is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with energised elements. The *WINSTA® MIDI* pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. This pluggable installation connector can be used for a current load of up to 25 A. Thus, it can also be used for high power loads. The *WINSTA® MIDI* Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the included test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and costs.

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

The *WINSTA®* Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose quality and durability – with locking lever from WAGO makes the electrical installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- simple circuits
- with A coding for use in many general mains applications
- ready for immediate use
- fast, secure installation

## Electrical data

Ratings per			IEC/EN 60664-1			Approvals per			UL 1977		
Overvoltage category	III	III	II			Rated voltage			600 V		
Pollution degree	3	2	2			Rated current			23 A		
Nominal voltage	250 V	-	-								
Rated surge voltage	4 kV	-	-								
Rated current	25 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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**Connection data**

Total number of potentials	3	<b>Connection 1</b>	
PE function	Preceding PE contact	Pole number	3

**Physical data**

Pin spacing	10 mm / 0.394 inches
Width	34 mm / 1.339 inches
Height	35.9 mm / 1.413 inches
Depth	48.9 mm / 1.925 inches

**Mechanical data**

Use	General mains applications
Coding	A
Marking	L ⊕ N
Potential marking	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	T-distribution connector
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

**Plug-in connection**

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
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	2

**Material data**

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	black
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.357 MJ
Weight	16 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**

PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918582087
Customs tariff number	85366990990

**Product Classification**

UNSPSC	39121406
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 9.0	EC002567
ETIM 8.0	EC002567
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates****General approvals****Declarations of conformity and manufacturer's declarations**

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

**Approval**   **Standard**   **Certificate Name**

EU-Declaration of Conformity	-	-
		WAGO GmbH & Co. KG

**Approvals for marine applications**

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	19-HG1868589-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
LR Lloyds Register	IEC 61984	LR22429487TA

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance 770-606



## Documentation

#### Bid Text

770-606 19.02.2019 xml 2.71 KB



770-606 12.03.2015 doc 23.00 KB



ausschreiben.de  
770-606



## CAD/CAE-Data

#### CAD data

2D/3D Models 770-606



#### CAE data

EPLAN Data Portal  
770-606



WSCAD Universe  
770-606



ZUKEN Portal 770-606



## 1 Compatible Products

### 1.1 System counterpart

#### 1.1.1 Cable assembly



[Item No.: 771-9993/206-101](#)

pre-assembled connecting cable; Eca;  
Plug/open-ended; 3-pole; Cod. A; H05VV-  
F 3G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black



[Item No.: 771-9993/106-101](#)

pre-assembled connecting cable; Eca;  
Socket/open-ended; 3-pole; Cod. A;  
H05VV-F 3G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>;  
black



[Item No.: 771-9993/006-101](#)

pre-assembled interconnecting cable;  
Eca; Socket/plug; 3-pole; Cod. A; H05VV-  
F 3G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black

#### 1.1.2 Female connector/socket



[Item No.: 770-203](#)

Socket; 3-pole; Cod. A; 4,00 mm<sup>2</sup>; black



[Item No.: 770-103](#)

Socket; with strain relief housing; 3-pole;  
Cod. A; 4,00 mm<sup>2</sup>; black



[Item No.: 770-203/035-000](#)

Socket; with strain relief housing; 3-pole;  
Cod. A; 4,00 mm<sup>2</sup>; black

### 1.1.3 Male connector/plug

**Item No.: 770-213**Plug; 3-pole; Cod. A; 4,00 mm<sup>2</sup>; black**Item No.: 770-113**Plug; with strain relief housing; 3-pole;  
Cod. A; 4,00 mm<sup>2</sup>; black**Item No.: 770-213/035-000**Plug; with strain relief housing; 3-pole;  
Cod. A; 4,00 mm<sup>2</sup>; black

### 1.2 Optional Accessories

#### 1.2.1 Cover

##### 1.2.1.1 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

#### 1.2.2 Installation

##### 1.2.2.1 Mounting accessories

**Item No.: 770-354**Mounting plate; 2- to 5-pole; for distributi-  
on connectors; silver-colored