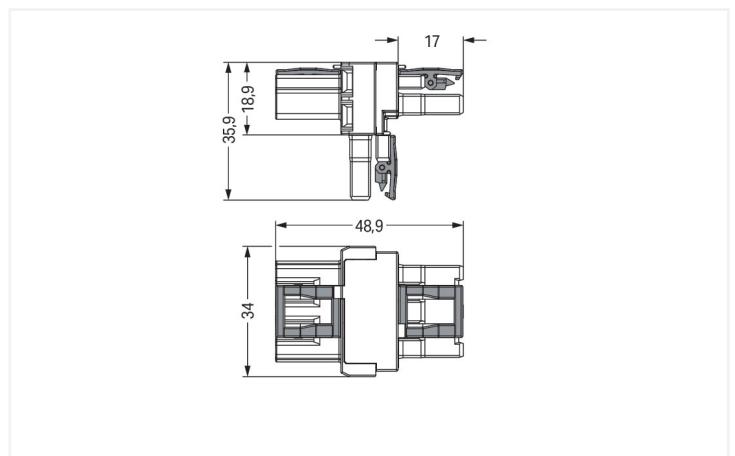




Color: ■ black



Dimensions in mm

Distribution connector *WINSTA® MIDI* 3-pole

For signal and power transmission: The *WINSTA® MIDI* distribution connector with protection against mismatching. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector offers protection against contact 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!)). 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 current load of up to 25 A. Therefore, 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 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.

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

The *WINSTA®* Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA® MIDI* pluggable installation connectors with locking lever from WAGO.

- effective protection against mismatching
- pre-assembled versions
- with A coding for a large number of applications
- custom-engineered solutions
- convenient installation and commissioning

Electrical data

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

General

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	Connection 1
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

Application	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!)
Suitable	for flying leads

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	3

Material data

Note (material data)

[Information on material specifications can be found here](#)

Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.329 MJ
Weight	16.4 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

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	4044918582094
Customs tariff number	85366990990

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

Approval Standard Certificate Name

EU-Declaration of Conformity	-	-

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 770-615



Documentation

Bid Text

770-615	19.02.2019	xml 2.81 KB	
770-615	12.03.2015	doc 23.00 KB	
ausschreiben.de 770-615			

CAD/CAE-Data

CAD data

2D/3D Models 770-615	
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CAE data

EPLAN Data Portal 770-615	
WSCAD Universe 770-615	
ZUKEN Portal 770-615	

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 mm²; 1 m; 1,50 mm²; black

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

pre-assembled connecting cable; Eca;
Socket/open-ended; 3-pole; Cod. A;
H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²;
black

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

pre-assembled interconnecting cable;
Eca; Socket/plug; 3-pole; Cod. A; H05VV-
F 3G 1.5 mm²; 1 m; 1,50 mm²; black

1.1.2 Female connector/socket

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

Socket; 3-pole; Cod. A; 4,00 mm²; black

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

Socket; with strain relief housing; 3-pole;
Cod. A; 4,00 mm²; black

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

Socket; with strain relief housing; 3-pole;
Cod. A; 4,00 mm²; black

1.1.3 Male connector/plug

[Item No.: 770-213](#)

Plug; 3-pole; Cod. A; 4,00 mm²; black

[Item No.: 770-113](#)

Plug; with strain relief housing; 3-pole;
Cod. A; 4,00 mm²; black

[Item No.: 770-213/035-000](#)

Plug; with strain relief housing; 3-pole;
Cod. A; 4,00 mm²; black

1.2 Optional Accessories

1.2.1 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 distribu-
tion connectors; silver-colored

Installation Notes

