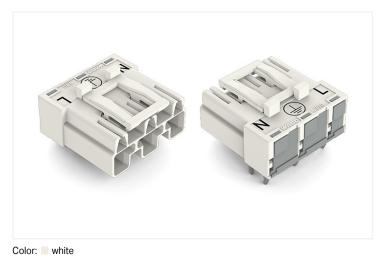
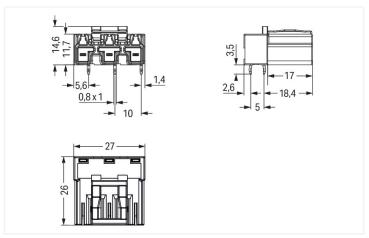
Data Sheet | Item Number: 770-833/011-000 Plug for PCBs; angled; 3-pole; Cod. A; white

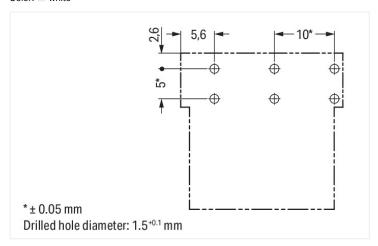
https://www.wago.com/770-833/011-000







Dimensions in mm



Dimensions in mm

Male connector/plug WINSTA® MIDI A coding

Reliably secure installations connection technology: The WINSTA® MIDI male connector/plug. Our large selection of pluggable PCB connectors with various insertion directions and operating variants offers you the perfect solution for your application at all times. The mechanical coding and color coding of the pcb connector ensure error-free installation of the individual components – including protection against mismating. General mains applications for almost any domain of use can be implemented with WINSTA® MIDI pcb connectors with A coding. This pcb 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 precise electrification. Due to the built-in test slot, it is possible to check connections even when they are plugged in. This saves time, labor, and money.

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

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – the WINSTA® MIDI pcb connector with marking from WAGO makes the electrical installation of electrical components visibly easier.

- · protection against mismating eliminates errors
- · simple circuits
- with A coding for use in many general mains applications
- quick replacement of defective units during ongoing operation



Electrical data			
Ratings per	IEC	C/EN 60664	-1
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated surge voltage	4 kV	-	-
Rated current	25 A	-	-

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

General information

Note on contact resistance approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/

Connection data			
Total number of potentials	3	Connection 1	
Number of levels	1	Pole number	3
PE function	Preceding PE contact		

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	27 mm / 1.063 inches	
Height	18.1 mm / 0.713 inches	
Height from the surface	14.6 mm / 0.575 inches	
Depth	26 mm / 1.024 inches	
Solder pin length	3.5 mm	
Solder pin dimensions	1 x 0.8 mm	
Drilled hole diameter with tolerance	1.5 (-0.1 +0.1) mm	

Mechanical data	
Application	General mains applications
Coding	A
Variable coding	Yes
Marking	N L
Potential marking	N L
Mating force of a plug-in connection	approx. 20 70 N (depending on pole number)
Retention force of a plug-in connection	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
Design	angled

Plug-in connection	
Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
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
Mating direction to the PCB	0°
Locking lever	Yes
Locking of plug-in connection	Locking lever

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Plug-in connection

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).

PCB contact	
PCB contact	ТНТ
Solder pin arrangement	2 in-line solder pins/pole
Number of solder pins per potential	2

Material data	
Note (material data)	Information on material
	specifications can be found here
Color	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.146 MJ
Weight	6.6 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

27-44-06-05
27-44-06-05
EC002560
EC002560
100 pcs
Box
PL
4044918524575
85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

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Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications







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

Downloads

Environmental Product Compliance

Compliance Search Environmental Product Compliance

Compliance 770-833/011-000



CAD/CAE-Data

CAD data

2D/3D Models 770-833/011-000



CAE data

EPLAN Data Portal 770-833/011-000





Data Sheet | Item Number: 770-833/011-000

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1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly





Item No.: 771-9993/106-102
pre-assembled connecting cable; Eca;
Socket/open-ended: 3-pole: Cod. A:

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

1.1.2 Female connector/socket



Item No.: 770-223 Socket; 3-pole; Cod. A; 4,00 mm²; white Item No.: 770-123

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

Item No.: 770-223/035-050

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

1.2 Required Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 770-360

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

1.3 Optional Accessories

1.3.1 Coding

1.3.1.1 Coding

<u>Item No.: 770-401</u> Coding pin; for plugs; Plastic; gray

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

Current addresses can be found at:: $\underline{www.wago.com}$

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