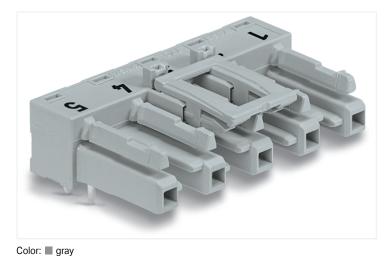
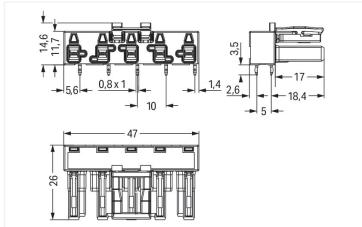
## Data Sheet | Item Number: 770-845/011-000 Socket for PCBs; angled; 5-pole; Cod. B; gray

https://www.wago.com/770-845/011-000

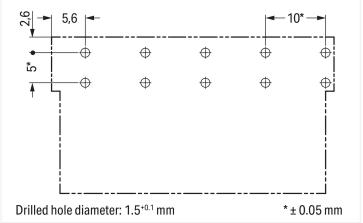






Dimensions in mm





Dimensions in mm

#### Female connector/socket WINSTA® MIDI rated current 25 A

Consistently secure electrical installations through distinctive connection technology: The WINSTA® MIDI female connector/socket. Our giant selection of pluggable PCB connectors with various insertion directions and operating variants offers you the perfect solution for your application at any time. For greater security in electrical installations, the pcb connectors is equipped with mechanical protection against mismating. Pcb connectors with B coding from the WINSTA® MIDI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Usage-specific pole marking is possible, too. This pcb connectors can be used for a current load of up to 25 A. Thus, pcb connectors can also be used for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, flexible, and secure installation.

Push-in CAGE CLAMP® spring pressure connection technology - pluggable installation instead of laborious screw connections!

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, even more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Choose durability and quality – with protection against mismating from WAGO makes the installation of electrical components significantly easier.

- · pcb connectors with protection against mismating
- for automation controllers
- with B coding for use in process automation, such as lighting technology
- · convenient installation and commissioning

## Data Sheet | Item Number: 770-845/011-000

https://www.wago.com/770-845/011-000



Notes

Variants:

Other pole markings

Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

Electrical data			
Ratings per	IEC	C/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 – Notes	
Rated current (note)	25 A for 3-pole load 20 A for 4- and 5-pole load

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

General information	
Note on contact resistance	approx. 1 m $\Omega$ of contact resistance approx. 0.25 m $\Omega$ contact transition plug/ socket

Connection data			
Total number of potentials	5	Connection 1	
Number of levels	1	Pole number	5

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	47 mm / 1.85 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 <sup>(-0.1</sup> +0.1) mm	

Mechanical data	
Use	Control technology
Coding	В
Variable coding	Yes
Marking	12345
Potential marking	12345
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

# Data Sheet | Item Number: 770-845/011-000 https://www.wago.com/770-845/011-000



	•
Plug-in connection	
Contact type (pluggable connector)	Female connector/socket
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
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	THT
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	gray
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.189 MJ
Weight	10.4 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)
PU (SPU)	50 pcs
Packaging type	Вох
Country of origin	PL
GTIN	4017332802642
Customs tariff number	85366990990

## Data Sheet | Item Number: 770-845/011-000

https://www.wago.com/770-845/011-000



#### **Product classification**

UNSPSC 39121409

#### **Environmental Product Compliance**

RoHS Compliance Status Compliant,No Exemption

#### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	IEC 61984	NL-32104
CCA DEKRA Certification B.V.	EN 61984	2173495.01
cURus Underwriters Laboratories Inc.	UL 1977	E45171

#### Declarations of conformity and manufacturer's declarations

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

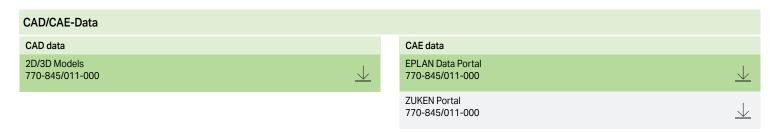
Environmental Product Compliance 770-845/011-000



#### Data Sheet | Item Number: 770-845/011-000

https://www.wago.com/770-845/011-000





#### 1 Compatible Products

#### 1.1 System counterpart

#### 1.1.1 Cable assembly





Item No.: 771-9995/205-103

pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. B; (H) 05VV-F 5x1,0 mm²; 1 m; 1,00 mm²; gray <u>Item No.: 771-9995/005-103</u>

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; (H)05VV-F 5x1,0 mm²; 1 m; 1,00 mm²; gray

#### 1.1.2 Male connector/plug



Item No.: 770-255

Plug; 5-pole; Cod. B; 4,00 mm²; gray

#### 1.2 Required 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

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

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