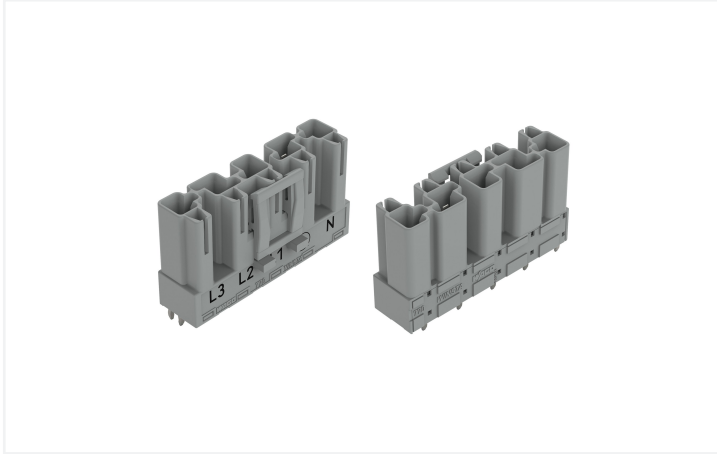


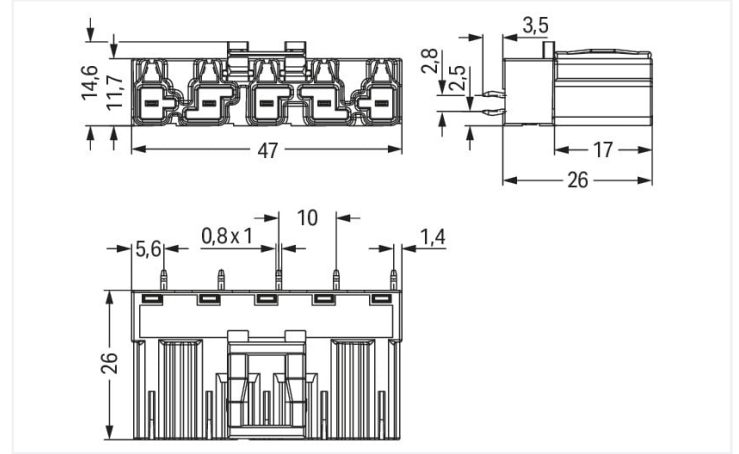
Data Sheet | Item Number: 770-855/060-000

Plug for PCBs; straight; 5-pole; Cod. B; gray

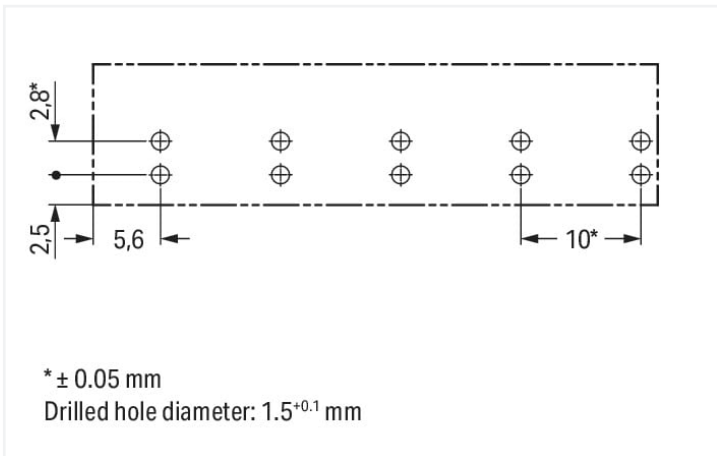
<https://www.wago.com/770-855/060-000>



Color: ■ gray



Dimensions in mm



* ± 0.05 mm

Drilled hole diameter: 1.5^{+0.1} mm

Dimensions in mm

Male connector/plug WINSTA® MIDI B coding

The WINSTA® MIDI male connector/plug 5-pole offers very secure handling to support drive and control technology tasks. Our large number of plug-gable PCB connectors with various insertion directions and operating variants offers you the perfect solution for your application at any time. The color coding and mechanical coding of the pcb connectors ensure error-free installation of the individual components – including protection against mismatching. Solutions like the WINSTA® MIDI pcb connectors with B coding are suitable for applications involving process control, such as for lighting or within data networks. This pcb connectors is designed for a current load of up to 25 A. Thus, pcb connectors 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. Due to the integrated test slot, it is possible to check connections even when they are plugged in. This saves time, labor, and money.

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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also lower installation expenses without compromising quality and safety: with locking lever reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- for automation controllers
- with B coding for controllers such as lighting fixtures and sun blinds
- rapid, structured electrical installation



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/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	-	-

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	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	29.5 mm / 1.161 inches
Height from the surface	26 mm / 1.024 inches
Depth	14.6 mm / 0.575 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	Control technology
Coding	B
Variable coding	Yes
Marking	L3 L2 L1 N
Potential marking	L3 L2 L1 N
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	straight

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	90 °
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	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	0.241 MJ
Weight	10.8 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	27-44-06-05
eCl@ss 9.0	27-44-06-05
ETIM 8.0	EC002560
ETIM 7.0	EC002560
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	PL
GTIN	4050821553700
Customs tariff number	85366990990



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 1977	E45171
cURus Underwriters Laboratories Inc.	UL 1059	E 45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 770-855/060-000	

CAD/CAE-Data

CAD data	
2D/3D Models 770-855/060-000	

CAE data	
ZUKEN Portal 770-855/060-000	

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 770-245/060-000 Socket; 5-pole; Cod. B; 4,00 mm²; gray



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



Item No.: [770-401](#)
Coding pin; for plugs; Plastic; gray