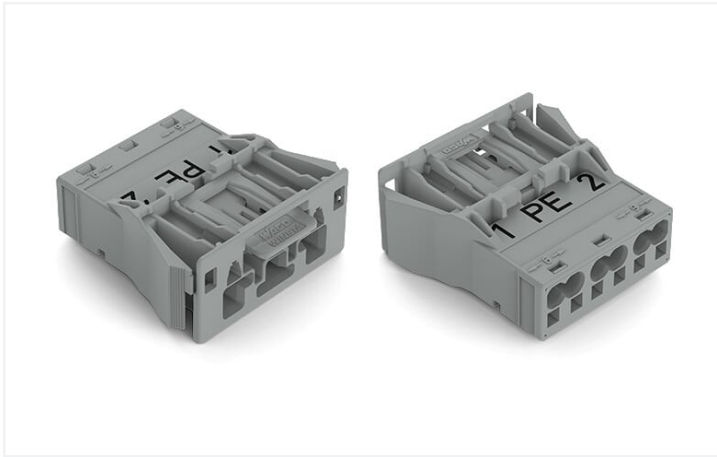


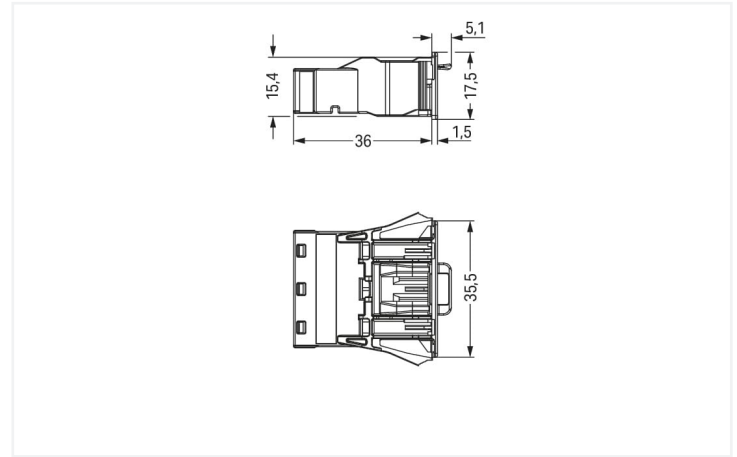
Data Sheet | Item Number: 770-753/062-000

Snap-in plug; 3-pole; Cod. B; 4,00 mm²; gray

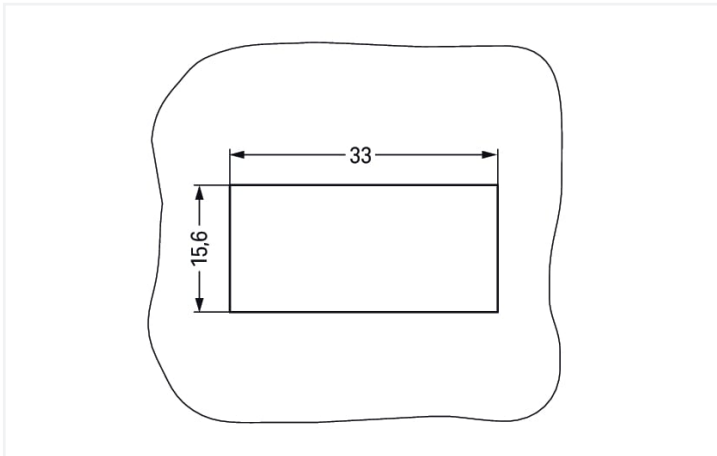
<https://www.wago.com/770-753/062-000>



Color: ■ gray



Dimensions in mm



Dimensions in mm

Plate thickness: 0.5 ... 2 mm

Cutout tolerance: + 0.1 mm

Please note!

Male connector/plug WINSTA® MIDI B coding

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI male connector/plug with locking latch. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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 electrified elements. Pluggable installation connectors with B coding from the WINSTA® MIDI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Usage-specific pole marking is possible as well. This pluggable installation connector can be used for electrical currents up to 25 A. Thus the product is ideally suitable 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, secure, tailored electrical installation.

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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology tool! Plan your installation with with marking from WAGO.

- effective protection against mismatching
- for automation controllers
- with B coding for use in automation of processes, such as lighting technology, for instance
- flexible installation to save space
- convenient installation and commissioning



Notes	
Note	The snap-in connectors must be relieved of tensile and transverse forces. A surface finish can influence the edge radius of the cutouts. This may affect the snap-in socket fit, so ensure an adequate fit before use. In addition, the punched edge should be on the inside for punched cutouts. The wings of the snap-in connectors must not be mechanically stressed for a long period before use (e.g., due to a pre-locking position).
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		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 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket		

Connection data																												
Connection points	6	Connection 1 <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Operating tool Push-in</td></tr><tr><td>Nominal cross-section</td><td>4 mm² / 12 AWG</td></tr><tr><td>Solid conductor</td><td>0.5 ... 4 mm² / 20 ... 12 AWG</td></tr><tr><td>Solid conductor; push-in termination</td><td>1.5 ... 4 mm² / 16 ... 12 AWG</td></tr><tr><td>Stranded conductor</td><td>0.5 ... 2.5 mm² / 20 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.5 ... 4 mm² / 20 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.25 ... 1.5 mm² / 20 ... 16 AWG</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.25 ... 2.5 mm² / 20 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor; with ferrule; push-in termination</td><td>1.5 mm² / 16 AWG</td></tr><tr><td>Strip length</td><td>9 mm / 0.35 inches</td></tr><tr><td>Pole number</td><td>3</td></tr><tr><td>Conductor entry direction to mating direction</td><td>0 °</td></tr></table>	Connection technology	Push-in CAGE CLAMP®	Actuation type	Operating tool Push-in	Nominal cross-section	4 mm² / 12 AWG	Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG	Solid conductor; push-in termination	1.5 ... 4 mm² / 16 ... 12 AWG	Stranded conductor	0.5 ... 2.5 mm² / 20 ... 14 AWG	Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG	Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm² / 20 ... 16 AWG	Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm² / 20 ... 14 AWG	Fine-stranded conductor; with ferrule; push-in termination	1.5 mm² / 16 AWG	Strip length	9 mm / 0.35 inches	Pole number	3	Conductor entry direction to mating direction	0 °
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Pole number	3																											
Conductor entry direction to mating direction	0 °																											
Total number of potentials	3																											

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	35.5 mm / 1.398 inches
Height	17.5 mm / 0.689 inches
Depth	41.1 mm / 1.618 inches

Mechanical data

Application	Control technology
Coding	B
Variable coding	Yes
Marking	1 2
Potential marking	1 PE 2
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
Housing sheet thickness	0.5 ... 2 mm / 0.02 ... 0.079 inches
Mounting type	Snap-in flange
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® 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).

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	0.391 MJ
Weight	12.1 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

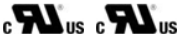


Commercial data		
eCl@ss 10.0		27-44-06-02
eCl@ss 9.0		27-44-06-02
ETIM 8.0		EC002566
ETIM 7.0		EC002566
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821553304
Customs tariff number		85366990990

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 770-753/062-000	

Documentation

Bid Text			
770-753/062-000	19.02.2019	xml 2.92 KB	
770-753/062-000	08.06.2015	doc 23.50 KB	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 770-753/062-000	EPLAN Data Portal 770-753/062-000
	WSCAD Universe 770-753/062-000
	ZUKEN Portal 770-753/062-000

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



[Item No.: 770-243/062-000](#)
Socket; 3-pole; Cod. B; 4,00 mm²; gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



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

1.2.2 Cover

1.2.2.1 Cover



[Item No.: 770-643](#)
Lockout cap; 3-pole; for cutouts; Plastic; black



[Item No.: 770-693](#)
Lockout cap; 3-pole; for cutouts; Plastic; white



[Item No.: 770-360](#)
Lockout cap; for plugs; 5-pole; separable; yellow

1.2.3 Tool

1.2.3.1 Operating tool

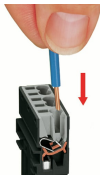
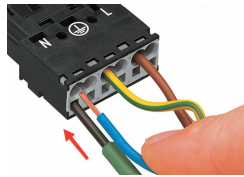
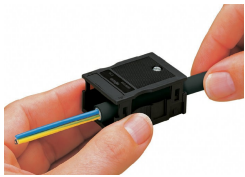


[Item No.: 770-383](#)
Operating tool; 3-way; green



[Item No.: 210-719](#)
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Installation Notes

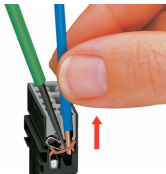


We recommend pulling the pre-latched strain relief housing over the cable prior to termination. However, the strain relief can be mounted at a later time as well.

1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)
2. Strip length = 9 mm
3. Extended ground conductor = 8 mm

To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits the backstop.

Insert the stripped solid conductor until it hits the backstop.



To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits the backstop.

To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.