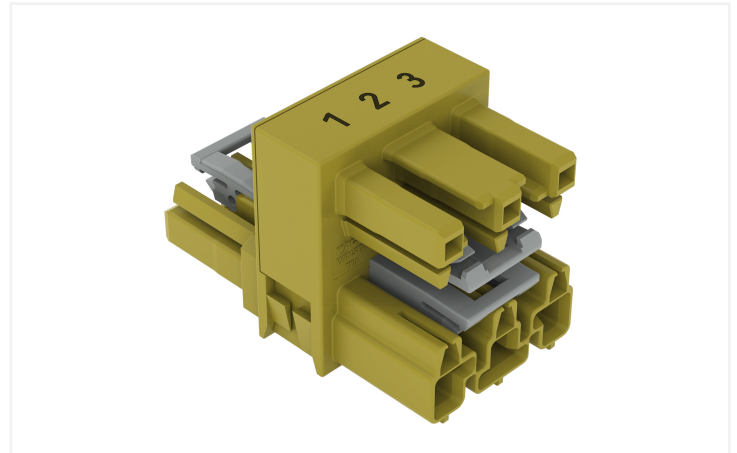


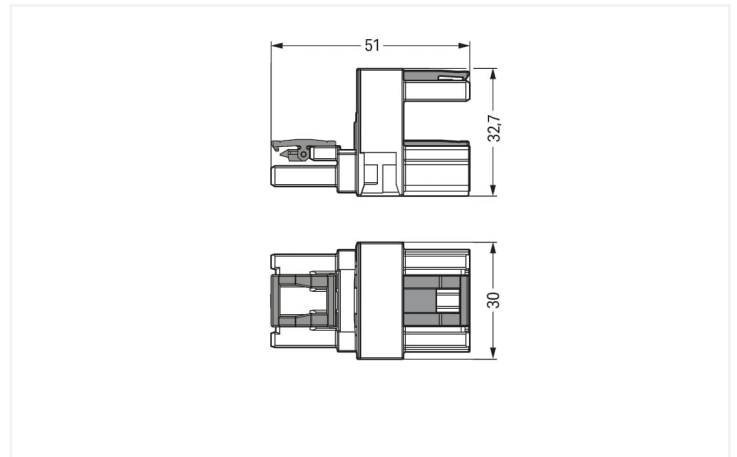
Data Sheet | Item Number: 770-1768

h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on both sides; 3 locking levers; for flying leads; light green

<https://www.wago.com/770-1768>



Color: ■ light green



Dimensions in mm

Distribution connector *WINSTA*® MIDI with protection type IP20

The *WINSTA*® MIDI distribution connector B coding supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in a large number of possible uses. The pluggable installation connector offers touch-proof protection 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!)). Pluggable installation 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 light, pumps or, sun blinds. Your own pole marking is possible as well. This pluggable installation connector can be used for a voltage load of up to 25 A. Thus, it can also be used for high power loads. The *WINSTA*® MIDI product line offers flexibility for the installation of applications. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees error-free, time-saving installation and offers customization and flexibility for meeting various installation requirements.

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

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

- pre-assembled versions
- with B coding for use in process automation, such as lighting technology, among other examples
- custom-engineered solutions
- convenient installation and commissioning

Notes

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

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) \triangleq Overvoltage category III / Pollution degree 3

Ratings per UL 1977

Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.
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General information

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

Total number of potentials	3	Connection 1	
		Pole number	3

Physical data

Pin spacing	10 mm / 0.394 inches
Width	30 mm / 1.181 inches
Height	32.7 mm / 1.287 inches
Depth	51 mm / 2.008 inches

Mechanical data

Application	Control technology
Coding	B
Marking	1 2 3
Potential marking	1 2 3
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	h-distribution connector, outputs at both ends
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

Note on mismatching protection	All <i>WINSTA</i> ® components are 100% protected against mismatching 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	light green
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	1.43 MJ
Weight	57 g

Environmental requirements

Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C
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Commercial data

Product Group	20 (Winsta)
PU (SPU)	50 pcs
Country of origin	DE
GTIN	4050821702320
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 770-1768



CAD/CAE-Data

CAD data

2D/3D Models
770-1768



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly

**Item No.: 771-9993/205-105**

pre-assembled connecting cable; Eca;
Plug/open-ended; 3-pole; Cod. B; H05VV-
F 3 x 1.0 mm²; 1 m; 1,00 mm²; light green

**Item No.: 771-9993/105-105**

pre-assembled connecting cable; Eca;
Socket/open-ended; 3-pole; Cod. B;
H05VV-F 3 x 1.0 mm²; 1 m; 1,00 mm²;
light green

**Item No.: 771-9993/005-105**

pre-assembled interconnecting cable;
Eca; Socket/plug; 3-pole; Cod. B; H05VV-F
3 x 1.0 mm²; 1 m; 1,00 mm²; light green

1.1.2 Female connector/socket

**Item No.: 770-263**

Socket; 3-pole; Cod. B; 4,00 mm²; light
green

1.1.3 Male connector/plug

**Item No.: 770-273**

Plug; 3-pole; Cod. B; 4,00 mm²; light green

1.2 Optional 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

**Item No.: 770-360**

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

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 770-623

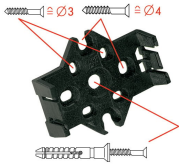
Mounting plate; 3-pole; for distribution connectors; Plastic; black

Item No.: 770-673

Mounting plate; 3-pole; for distribution connectors; Plastic; white

Installation Notes

Installation



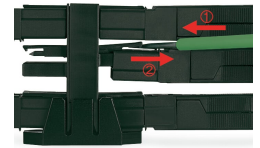
Mounting plates can be secured using commercially available screws or nail-drive anchors.



The distribution connectors snap together when attached to the mounting plate.



To release the distribution connector, unlock the latch using a screwdriver.



All distribution connector connections are locked and protected against accidental disconnection directly after mating. Locking of any connection is released using a screwdriver, even if all connections are used.