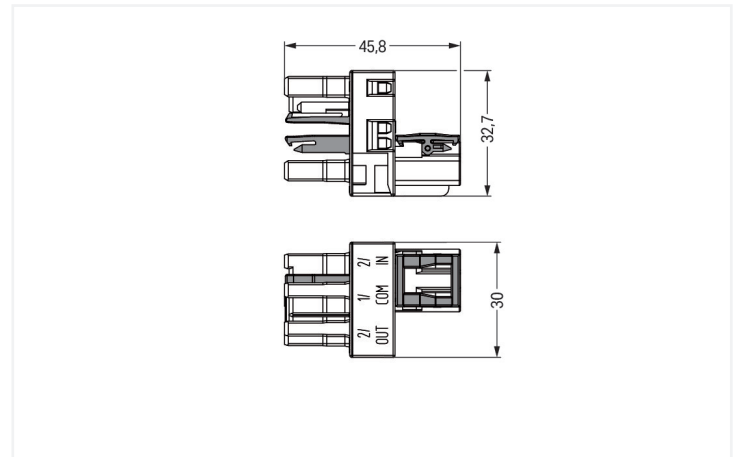
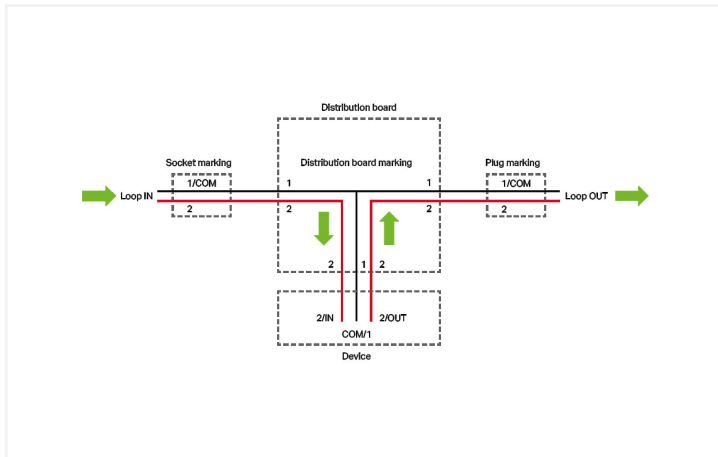
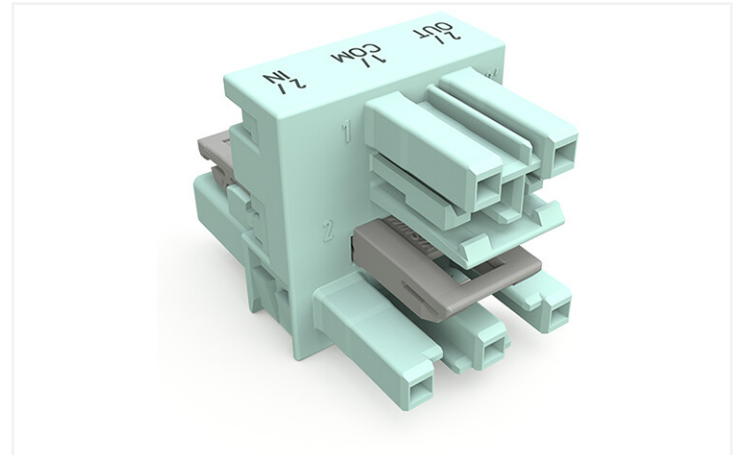
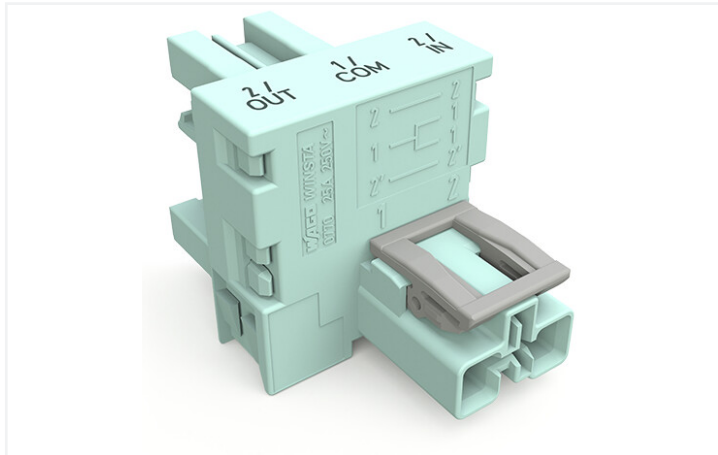


Data Sheet | Item Number: 770-977/076-000

Distributor for status queries; 2-pole/3-pole; Cod. B; 1 input; 2 outputs; 3-pole output for status queries; 3 locking levers

<https://www.wago.com/770-977/076-000>



Dimensions in mm

Distribution connector WINSTA® MIDI B coding

For signal and power transmission: The WINSTA® MIDI distribution connector with protection type IP20. WAGO pluggable installation connectors are useful when criteria repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. 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 live contact elements. Solutions like the WINSTA® MIDI pluggable installation connectors with B coding are appropriate for applications related to process control, for example, for lighting or in data networks. Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They provide information about possible domains of use and applications. This product has a current rating of 25 A – therefore it is suitable for high power loads. The WINSTA® MIDI product line achieves maximum flexibility for the electrical installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers flexibility for meeting all installation requirements.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with protection against mismating from WAGO.

- pluggable installation connectors with protection against mismating
- for automation controllers
- for automation controllers
- ready to install and use immediately
- 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	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	
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	45.8 mm / 1.803 inches

Mechanical data	
Application	Control technology
Coding	B
Variable coding	No
Marking	2/OUT 1/COM 2/IN
Potential marking	2/OUT 1/COM 2/IN
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 for status queries
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

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).
Number of locking levers	3

Material data

Note (material data)	Information on material specifications can be found here
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.329 MJ
Weight	17.8 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	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143767200
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------



Approvals / Certificates

Approvals for marine applications



Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 770-977/076-000	

Documentation

Bid Text			
770-977/076-000	19.02.2019	xml 2.98 KB	
770-977/076-000	14.01.2019	doc 23.50 KB	

CAD/CAE-Data

CAD data	
2D/3D Models 770-977/076-000	

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



[Item No.: 770-1242/076-000](#)
Socket; 2-pole; Cod. B; 4,00 mm²; light turquoise



[Item No.: 770-1243/076-000](#)
Socket; 3-pole; Cod. B; 4,00 mm²; light turquoise

1.1.2 Male connector/plug



Item No.: 770-1252/076-000
Plug; 2-pole; Cod. B; 4,00 mm²; light turquoise

Item No.: 770-1253/076-000
Plug; 3-pole; Cod. B; 4,00 mm²; light turquoise

1.2 Required Accessories

1.2.1 Locking system

1.2.1.1 Locking system



Item No.: 770-101
Locking lever; for flying leads; for manual operation; black

Item No.: 770-121
Locking lever; for flying leads; for manual operation; white

Item No.: 770-111
Locking lever; for flying leads; for tool operation; black

Item No.: 770-131
Locking lever; for flying leads; for tool operation; white

1.3 Optional Accessories

1.3.1 Cover

1.3.1.1 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

1.3.2 Installation

1.3.2.1 Mounting accessories

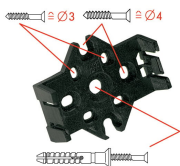


Item No.: 770-623
Mounting plate; 3-pole; for distribution connectors; Plastic; black

Item No.: 770-673
Mounting plate; 3-pole; for distribution connectors; Plastic; white

Installation Notes

Installation



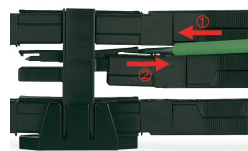
Mounting plates can be secured using commercially available screws or nail-drive anchors.



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.