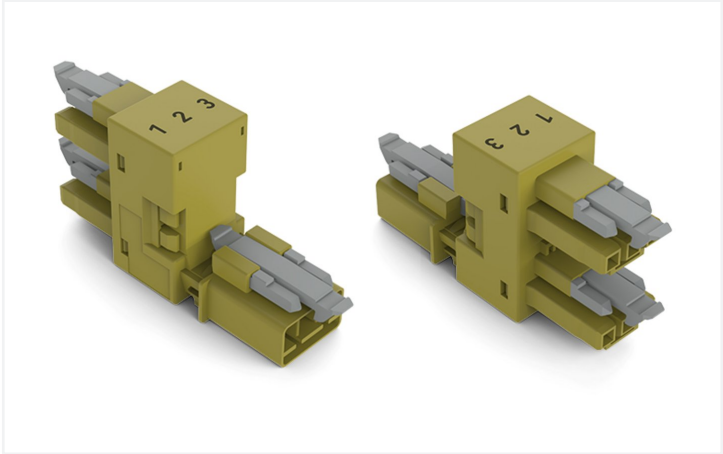


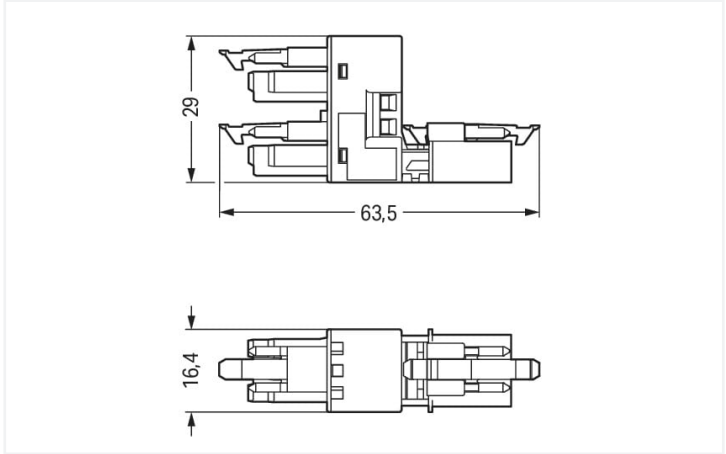
Data Sheet | Item Number: 890-1762

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

<https://www.wago.com/890-1762>



Color: ■ light green



Dimensions in mm

Distribution connector *WINSTA*® MINI 3-pole

The *WINSTA*® MINI distribution connector rated current 16 A is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. Our 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 coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. Pluggable installation connectors with B coding from the *WINSTA*® MINI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Usage-specific pole marking is possible as well. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for instance, since as a result of LED technology; due to complex systems, these offer less and less space for the connection technology.

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

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

- protection against mismatching eliminates errors
- consistent IP40 protection
- for automation controllers
- flexible installation to save space
- 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/ .

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		16 A	-	-

Ratings per IEC/EN – Notes	
Rated current (note)	13 A for 3-pole load



Approvals per		UL 1977
Rated voltage		600 V
Rated current		14 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		4.4 mm / 0.173 inches
Width		16.4 mm / 0.646 inches
Height		29 mm / 1.142 inches
Depth		63.5 mm / 2.5 inches

Mechanical data		
Use		Control technology
Coding		B
Variable coding		No
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 one end
Protection type		IP20; IP40 when mated
Suitable		for flying leads

Plug-in connection	
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
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	
Material group	I	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Contact material	Copper or copper alloy; surface-treated	
Contact Plating	Tin	
Fire load	0.14 MJ	
Weight	13.9 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)	
eCl@ss 10.0	27-44-06-03	
eCl@ss 9.0	27-44-06-03	
ETIM 9.0	EC002567	
ETIM 8.0	EC002567	
PU (SPU)	50 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4050821530749	
Customs tariff number	85366990990	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
  			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CB DEKRA Certification B.V.	IEC 61984	NL-64351	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CB DEKRA Certification B.V.	EN 61984	71-112993			
cURus Underwriters Laboratories Inc.	UL 1977	E45171			
KEMA/KEUR DEKRA Certification B.V.	EN 60320	2148952.04			



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 890-1762



Documentation

Bid Text			
890-1762	19.02.2019	xml 2.90 KB	
890-1762	02.12.2014	doc 22.50 KB	

CAD/CAE-Data

CAD data
2D/3D Models 890-1762



CAE data
WSCAD Universe 890-1762
ZUKEN Portal 890-1762



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 891-8993/205-105
pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm²; light green



Item No.: 891-8993/105-105
pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm²; light green



Item No.: 891-8993/005-105
pre-assembled interconnecting cable; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm²; light green

1.1.2 Female connector/socket



Item No.: 890-263
Socket; 3-pole; Cod. B; 1,50 mm²; light green

1.1.3 Male connector/plug



Item No.: 890-273
Plug; 3-pole; Cod. B; 1,50 mm²; light green

1.2 Required Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



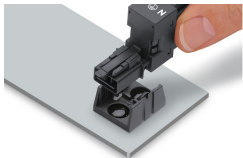
Item No.: 890-623
Mounting plate; 3-pole; for distribution connectors; Plastic; black



Item No.: 890-673
Mounting plate; 3-pole; for distribution connectors; Plastic; white

Installation Notes

Installation



Secure the mounting plate via pins.