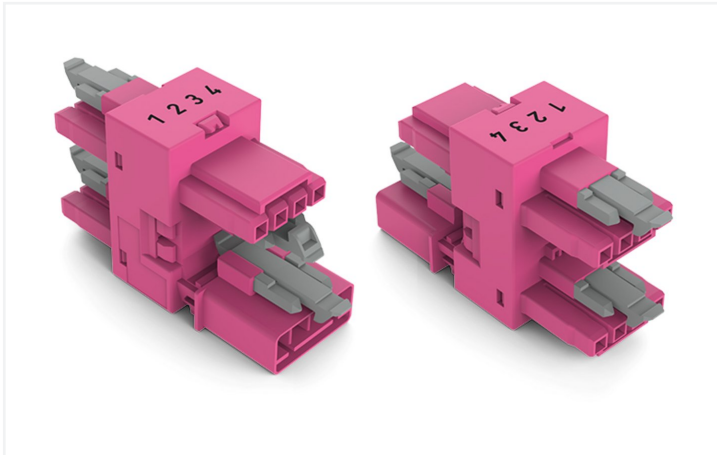


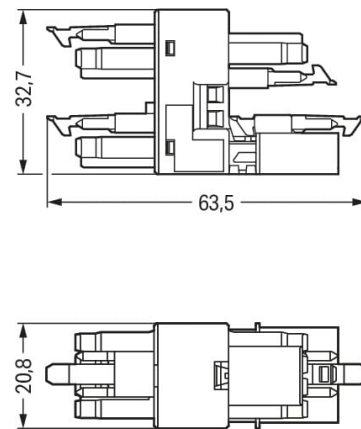
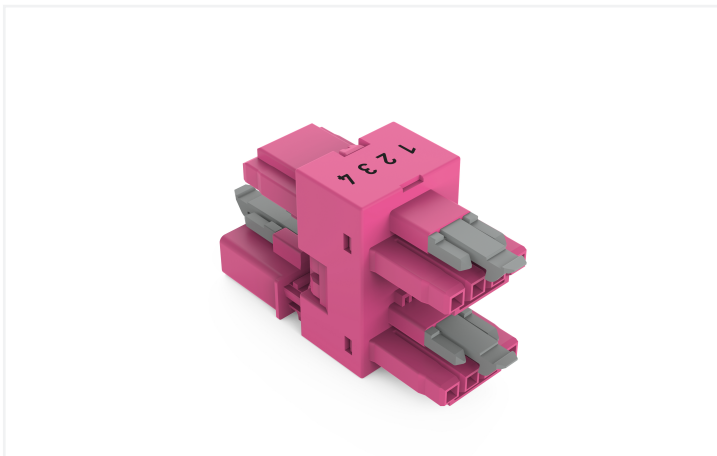
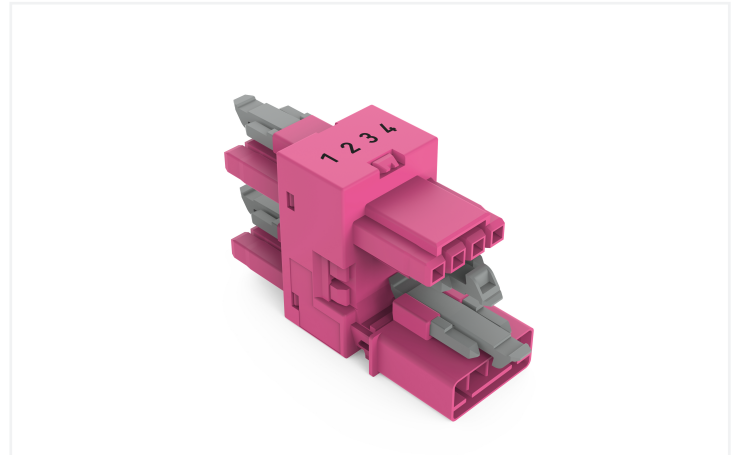
Data Sheet | Item Number: 890-1736

3-way distribution connector; 4-pole; Cod. B; 1 input; 3 outputs; pink

<https://www.wago.com/890-1736>



Color: ■ pink



Dimensions in mm

Distribution connector *WINSTA*® MINI rated current 16 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI distribution connector with protection type IP20. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow flexible, error-free installation in numerous applications. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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 light, pumps or sun blinds. Usage-specific pole marking is possible as well. *WINSTA*® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for instance, since due to LED technology, these offer much less space for the connection technology.

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

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

- effective protection against mismatching
- easy tool-free operation, a wide range of coding options
- with B coding for controllers, for example lighting fixtures and sun blinds
- ready to install and use immediately
- fast, secure 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	16 A	-	-

Ratings per IEC/EN – Notes	
Rated current (note)	13 A for 3-pole load 10 A for 4-pole load

Approvals per		UL 1977	
Rated voltage		600 V	
Rated current		12 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	4

Connection 1	
Pole number	4

Physical data	
Pin spacing	4.4 mm / 0.173 inches
Width	20.8 mm / 0.819 inches
Height	32.65 mm / 1.285 inches
Depth	63.5 mm / 2.5 inches

Mechanical data	
Use	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4
Potential marking	1 2 3 4
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	Distribution connector, 3-way
Protection type	IP20; IP40 when mated

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	4

Material data

Note (material data)	Information on material specifications can be found here
Color	pink
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	0.206 MJ
Weight	22.3 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 9.0	EC002567
ETIM 8.0	EC002567
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821876403
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
CB DEKRA Certification B.V.	IEC 61984	NL-64351
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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 890-1736



Documentation

Bid Text			
890-1736	19.02.2019	xml 2.74 KB	
890-1736	03.12.2014	doc 23.00 KB	

CAD/CAE-Data

CAD data
2D/3D Models 890-1736



CAE data
ZUKEN Portal 890-1736



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



[Item No.: 891-8994/205-107](#)
pre-assembled connecting cable; Eca;
Plug/open-ended; 4-pole; Cod. B; Control
cable 4 x 1.0 mm²; 1 m; 1,00 mm²; pink

[Item No.: 891-8994/105-107](#)
pre-assembled connecting cable; Eca;
Socket/open-ended; 4-pole; Cod. B; Con-
trol cable 4 x 1.0 mm²; 1 m; 1,00 mm²;
pink

[Item No.: 891-8994/005-107](#)
pre-assembled interconnecting cable;
Eca; Socket/plug; 4-pole; Cod. B; Control
cable 4 x 1.0 mm²; 1 m; 1,00 mm²; pink

1.1.2 Female connector/socket



[Item No.: 890-284](#)
Socket; 4-pole; Cod. B; 1,50 mm²; pink

1.1.3 Male connector/plug



[Item No.: 890-294](#)
Plug; 4-pole; 1,50 mm²; pink

1.2 Required Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



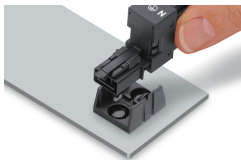
[Item No.: 890-624](#)
Mounting plate; 4-pole; for distribution
connectors; Plastic; black



[Item No.: 890-674](#)
Mounting plate; 4-pole; for distribution
connectors; Plastic; white

Installation Notes

Installation



Secure the mounting plate via pins.