

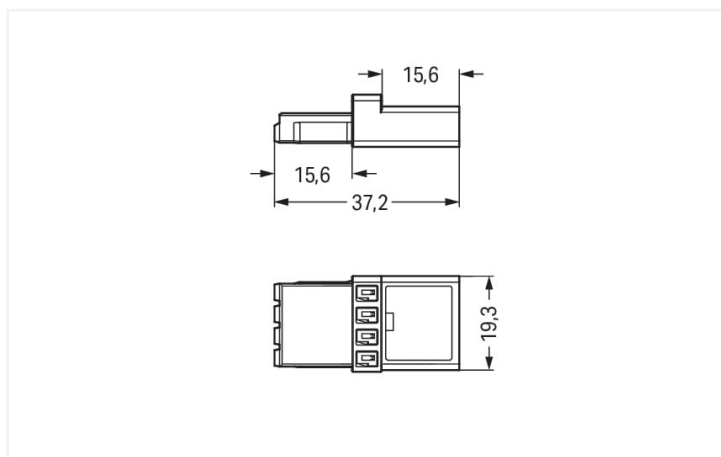
Data Sheet | Item Number: 890-604

Intermediate coupler; 4-pole; Cod. A; for sockets and plugs; black

<https://www.wago.com/890-604>



Color: ■ black



Dimensions in mm

Distribution connector *WINSTA*® MINI with protection type IP20

The *WINSTA*® MINI distribution connector 4-pole supports rapid, correct installation. WAGO pluggable installation connectors can be used when criteria repeat or are planned on a specific grid, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Thanks to the color coding and mechanical A coding of *WINSTA*® MINI pluggable installation connectors, you can clearly distinguish different circuits. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for example, since due to LED technology, these offer significantly less space for the connection technology.

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

The *WINSTA*® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismating from WAGO.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with A coding for a large number of uses
- exact dimensions
- quick replacement of defective units during ongoing operation



Notes	
Note	At least one snap-in connector WITHOUT a locking lever is required on one side when connecting two lights directly via intermediate coupler.

Electrical data							
Ratings per		IEC/EN 60664-1		Approvals per		UL 1977	
Overvoltage category	III	III	II	Rated voltage		600 V	
Pollution degree	3	2	2	Rated current		12 A	
Nominal voltage	400 V	-	-				
Rated surge voltage	6 kV	-	-				
Rated current	16 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	19.3 mm / 0.76 inches
Height	10.5 mm / 0.413 inches
Depth	37.2 mm / 1.465 inches

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	No
Marking	plain
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	Intermediate coupler
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	No
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		black
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Contact material		Copper or copper alloy; surface-treated
Contact Plating		Tin
Fire load		0.079 MJ
Weight		4.7 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		PL
GTIN		4055143231558
Customs tariff number		85366990990

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-604

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Documentation				
Bid Text				
890-604	30.11.2018	doc 24.00 KB	↓	
890-604	19.02.2019	xml 2.96 KB	↓	

CAD/CAE-Data

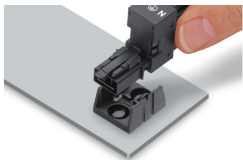
CAD data

2D/3D Models 890-604



Installation Notes

Installation



Secure the mounting plate via pins.