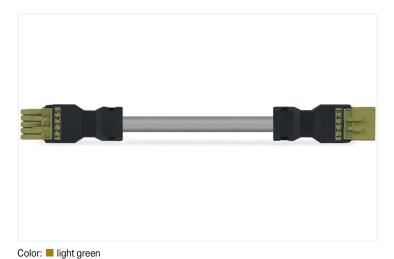
Data Sheet | Item Number: 891-8995/005-305

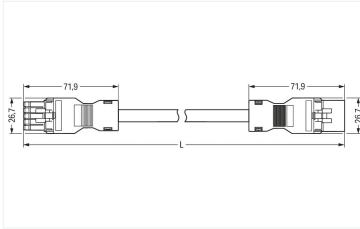
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; (H)05VV-F

5x1,0 mm²; 3 m; 1,00 mm²; light green

https://www.wago.com/891-8995/005-305







Dimensions in mm

Cable assembly WINSTA® MINI 5-pole

The WINSTA® MINI cable assembly B coding provides the foundation for installation of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in no time flat. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Pluggable installation connectors with B coding from the WINSTA® MINI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Customer-specific pole marking is possible, too. Particularly where space is tight, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its advantageous properties. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the installation is low-maintenance and can be performed without screw connections. According to the European CPR, the fire class of the cables used in construction is essential for building safety, too. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections - cable assemblies from WAGO

A socket and a plug are available. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- · effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- for automation controllers
- · exact dimensions
- · convenient installation and commissioning

Notes	
Note	Cables with a different fire class can be found in the eShop.
Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://

Electrical data					
Ratings per	IEC	/EN 60664	-1	General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 m Ω of contact resistance
Pollution degree	3	2	2		approx. $0.25~\text{m}\Omega$ contact transition plug/socket
Nominal voltage	400 V	-	-		5551.61
Rated surge voltage	6 kV	-	-		
Rated current	10 A	-	-		



Connection data			
Total number of potentials	5	Connection 1	
		Pole number	5
		Wire cross-section	1 mm²
		Connection type	Socket - Plug

Physical data	
Pin spacing	4.4 mm / 0.173 inches
Width	26.7 mm / 1.051 inches
Height	15.8 mm / 0.622 inches
Total length	3 m

Mechanical data	
Use	Control technology
Coding	В
Variable coding	No
Marking	12345
Potential marking	12345
Mating force of a plug-in connection	approx. 20 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 5x1
Protection type	IP20; IP40 when mated

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	Can be retrofitted
Locking of plug-in connection	Locking lever
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devi- ces, all types of PCB and distribution connectors) are factory-equipped with locking le- vers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

<u>Information on material specifications can be found here</u>
light green
Polyamide (PA66)
E _{ca}
Copper or copper alloy; surface-treated
Tin
0.607 MJ
light green
black
gray
black

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Material data	
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	356.2 g
Copper weight of the pipe	0.048 kg/m

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data	
Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 8.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143207751
Customs tariff number	85444290900

Environmental Product Compliance RoHS Compliance Status Compliant, No Exemption

Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 891-8995/005-305

Documentation			
Bid Text			
891-8995/005-305	19.02.2019	xml 2.93 KB	$\underline{\downarrow}$
891-8995/005-305	02.06.2015	doc 25.00 KB	$\underline{\downarrow}$

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https://www.wago.com/891-8995/005-305



CAD/CAE-Data

CAE data

EPLAN Data Portal 891-8995/005-305



1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



Item No.: 890-111

Locking lever; for flying leads; for tool operation; black

Item No.: 890-131

Locking lever; for flying leads; for tool operation; white

Item No.: 890-101

Locking lever; for manual operation; black

Item No.: 890-121

Locking lever; for manual operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories

Item No.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

Item No.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: $\underline{www.wago.com}$

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