Data Sheet | Item Number: 891-8995/005-803

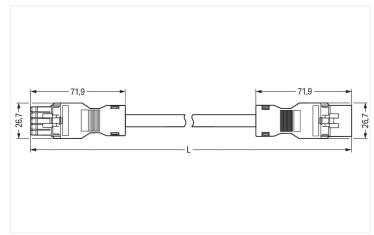
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; (H)05VV-F

5x1,0 mm²; 8 m; 1,00 mm²; gray

https://www.wago.com/891-8995/005-803







Color: ■ gray Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

For signal and power transmission: The WINSTA® MINI cable assembly B coding. WAGO pluggable installation connectors are used when criteria repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure 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 light, pumps or, sun blinds. Your own pole marking is possible, too. Due to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very restricted spaces, i.e., for installations when very little room is available. According to the European CPR, the fire class of the cables used in construction is decisive for the safety of buildings, 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

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising safety and quality: with marking reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- · for automation controllers
- · ready to install and use immediately
- 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://configurator.wago.com/.

Electrical data					
Ratings per	IEC	/EN 60664	-1	General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 $\mbox{m}\Omega$ of contact resistance
Pollution degree	3	2	2		approx. 0.25 m Ω contact transition plug/ socket
Nominal voltage	400 V	-	-		000.00
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	8 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).

Material data	
Note (material data)	
	Information on material specifications can be found here
Color	gray
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E_ca
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.715 MJ
Connector color	gray
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Sheathed cable color	gray

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Material data	
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	916.2 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 \leq 70 °C (including halogen-free) Insulating parts for temperatures \leq 105 °C

27-44-06-04
27-44-06-04
EC002587
EC002587
1 pcs
unpacked
PL
4055143516846
85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Documentation			
Bid Text			
891-8995/005-803	19.02.2019	xml 2.92 KB	<u>↓</u>
891-8995/005-803	02.06.2015	doc 24.00 KB	$\underline{\downarrow}$

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https://www.wago.com/891-8995/005-803



CAD/CAE-Data

CAE data

EPLAN Data Portal 891-8995/005-803



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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