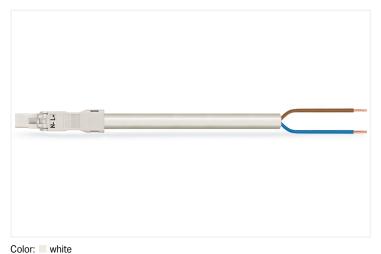
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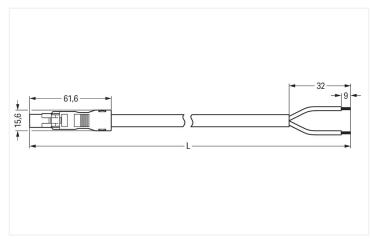
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; H05VV-F 2

x 1.5 mm²; 3 m; 1,50 mm²; white

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Dimensions in mm

Cable assembly WINSTA® MINI A coding

The WINSTA® MINI cable assembly A coding is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors are useful when criteria repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. General mains applications for almost any domain of use can be implemented with WINSTA® MINI pluggable installation connectors with A coding. 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 connections when very little room is available. According to the European CPR, the fire class of the cables used in construction is essential for building safety, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

A plug and a free end are provided. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with strain relief hosting from WAGO makes the electrical installation of electrical components significantly easier.

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- with A coding for a large number of applications
- flexible installation to save space
- rapid, structured electrical installation

Notes	
Note	Cables with a different fire class can be found in the eShop.

Electrical data				
Ratings per	IEC	C/EN 60664	-1	(
Overvoltage category	III	III	II	١
Pollution degree	3	2	2	
Nominal voltage	250 V	-	-	
Rated surge voltage	4 kV	-	-	
Rated current	16 A	-	-	
Rated surge voltage	4 kV	-	- - -	

General information	
Note on contact resistance	approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/ socket



Connection data			
Total number of potentials	2	Connection 1	
Conductor preparation ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches	
	Pole number	2	
	Wire cross-section	1.5 mm²	
	Strip length (outer insulation)	32 mm	
	Connection type	Plug - free end	

Physical data	
Pin spacing	4.4 mm / 0.173 inches
Width	15.6 mm / 0.614 inches
Height	13.2 mm / 0.52 inches
Total length	3 m

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	No
Marking	LN
Potential marking	LN
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	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 2x1.5
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 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)	la Compation and make in large of the street
	Information on material specifications can be found here
Color	white
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	89.664 MJ
Connector color	white
Strain relief color	white

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Material data	
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	250.2 g
Copper weight of the pipe	0.029 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	
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	4055143362887
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Documentation			
Bid Text			
891-8992/206-302	19.02.2019	xml 2.99 KB	$\underline{\downarrow}$
891-8992/206-302	21.11.2014	doc 25.00 KB	$\underline{\downarrow}$

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CAD/CAE-Data CAE data EPLAN Data Portal 891-8992/206-302 WSCAD Universe 891-8992/206-302

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.: 890-101 Locking lever; for manual operation; black Locking lever; for manual operation; white

1.2 Optional Accessories 1.2.1 Cover 1.2.1.1 Cover

Item No.: 897-2001
Protective cap; Type1; for sockets and plugs; PVC; red

1.2.2 Installation 1.2.2.1 Mounting accessories

Item No.: 890-310Item No.: 890-311Mounting carrier; 2- to 5-pole; for flying
leads; blackMounting 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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