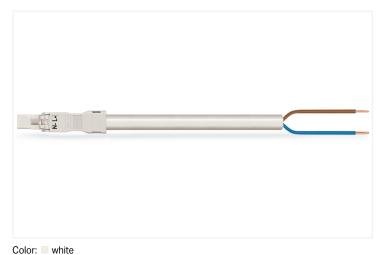
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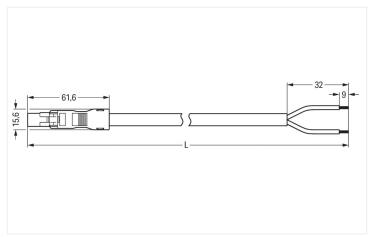
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; H05VV-F 2

x 1.0 mm²; 4 m; 1,00 mm²; white

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Dimensions in mm

Cable assembly WINSTA® MINI rated current 10 A

The WINSTA® MINI cable assembly rated current 10 A is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. WAGO pluggable installation connectors are used when requirements repeat or are planned on a specific grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. General mains applications for almost any domain of use can be realised with WINSTA® MINI pluggable installation connectors with A coding. Due to its particularly compact 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. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

Pluggable connections instead of screw connections - cable assemblies from WAGO

The cable assembly is equipped with a plug and a free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – with protection type IP20 from WAGO makes the installation of electrical components noticeably easier.

- · effective protection against mismating
- easy tool-free operation, a wide range of coding options
- · for any mains application
- · custom-engineered solutions
- quick replacement of defective units during ongoing operation

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

Electrical data					
Ratings per	IEC	E/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 mΩ contact transition plug/ socket
Nominal voltage	250 V	-	-		333,101
Rated surge voltage	4 kV	-	-		
Rated current	10 A	-	-		



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 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	4 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
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).

Note (material data) Information on material specifications can be found here	Material data	
ColorwhiteInsulation material (main housing)Polyamide (PA66)Fire class per EN 50575E _{ca} Contact materialCopper or copper alloy; surface-treatedContact PlatingTinFire load119.664 MJConnector colorwhite	Note (material data)	Information on material anguistications can be found have
Insulation material (main housing) Fire class per EN 50575 E _{ca} Contact material Contact Plating Fire load Connector color Polyamide (PA66) E _{ca} Copper or copper alloy; surface-treated Tin 119.664 MJ white		
Fire class per EN 50575 Contact material Contact Plating Fire load Connector color E _{ca} Copper or copper alloy; surface-treated Tin 119.664 MJ white	Color	white
Contact material Contact Plating Tin Fire load Connector color Connector color Conper or copper alloy; surface-treated Tin 119.664 MJ white	Insulation material (main housing)	Polyamide (PA66)
Contact Plating Tin Fire load 119.664 MJ Connector color white	Fire class per EN 50575	E_ca
Fire load 119.664 MJ Connector color white	Contact material	Copper or copper alloy; surface-treated
Connector color white	Contact Plating	Tin
	Fire load	119.664 MJ
Strain relief color white	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	232.7 g
Copper weight of the pipe	0.0192 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	4055143362399
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 891-8992/205-402	<u>↓</u>

Documentation			
Bid Text			
891-8992/205-402	19.02.2019	xml 2.99 KB	$\underline{\downarrow}$
891-8992/205-402	24.11.2014	doc 24.00 KB	$\underline{\downarrow}$

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CAD/CAE-Data CAE data EPLAN Data Portal 891-8992/205-402 WSCAD Universe 891-8992/205-402

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 flyingMounting carrier; 2- to 5-pole; for flyingleads; blackleads; 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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