Data Sheet | Item Number: 891-8992/005-802

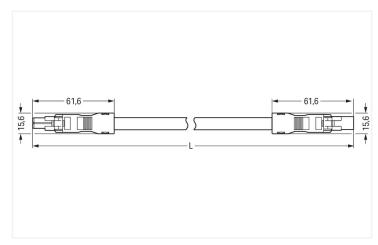
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. A; H05VV-F 2

x 1.0 mm²; 8 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 with protection against mismating supports rapid, correct installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. Standard mains applications for almost any domain of use can be realised with WINSTA® MINI pluggable installation connectors with A coding. WINSTA® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for example, since due to LED technology, these offer significantly less space for the connection technology. 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 fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections - cable assemblies from WAGO

A socket and a plug are provided. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- · protection against mismating eliminates errors
- consistent IP40 protection
- suitable for any application
- flexible installation to save space
- 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	C/EN 60664	l-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. $0.25~\mathrm{m}\Omega$ contact transition plug/
Nominal voltage	250 V	-	-		Societ
Rated surge voltage	4 kV	-	-		
Rated current	10 A	_	_		



Connection data			
Total number of potentials	2	Connection 1	
		Pole number	2
		Wire cross-section	1 mm²
		Connection type	Socket - Plug

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	8 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	Socket - Plug
Type of pre-assembled cable	Interconnecting 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).

Material data	
Note (material data)	
	<u>Information on material specifications can be found here</u>
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	239.306 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black

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Material data	
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	465.5 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	4055143362269
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

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Documentation			
Bid Text			
891-8992/005-802	19.02.2019	xml 2.92 KB	<u>↓</u>
891-8992/005-802	24.11.2014	doc 23.00 KB	$\underline{\downarrow}$

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CAD/CAE-Data CAE data EPLAN Data Portal 891-8992/005-802 WSCAD Universe 891-8992/005-802

1.1 Required Accessories 1.1.1 Locking system 1.1.1 Locking system 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



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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