Data Sheet | Item Number: 891-8992/016-801

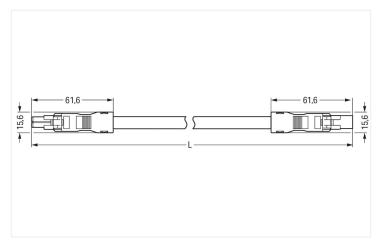
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. A; H05Z1Z1-F

2 x 1,50 mm²; 8 m; 1,50 mm²; black

https://www.wago.com/891-8992/016-801







Color: ■ black Dimensions in mm

Cable assembly WINSTA® MINI with strain relief

The WINSTA® MINI cable assembly with protection against mismating is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. 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 next to no time. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The WINSTA® MINI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. Particularly if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its strengths. It is very compact, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the connection is low-maintenance and requires no screw connections. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials do not easily ignite.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Choose quality and durability – with fire class E from WAGO makes the installation of electrical components substantially easier.

- pluggable installation connectors with protection against mismating
- · easy tool-free operation, a wide range of coding options
- with A coding for a great number of applications
- · flexible installation to save space
- · fast, secure installation

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

Electrical data					
Ratings per	IEC	/EN 60664	-1	General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 $m\Omega$ of contact resistance
Pollution degree	3	2	2		approx. $0.25~\text{m}\Omega$ contact transition plug/ socket
Nominal voltage	250 V	-	-		GGGNGC
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		



Connection data			
Total number of potentials	2	Connection 1	
	Pole number	2	
	Wire cross-section	1.5 mm ²	
		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	H05Z1Z1-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 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	black
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	239.37 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black

Data Sheet | Item Number: 891-8992/016-801 https://www.wago.com/891-8992/016-801



Material data	
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	635.2 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	4055143391962
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

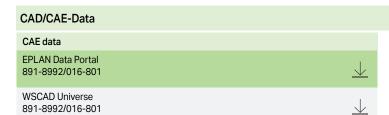
Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance	<u>↓</u>

Documentation			
Bid Text			
891-8992/016-801	19.02.2019	xml 2.95 KB	<u>↓</u>
891-8992/016-801	24.11.2014	doc 24.00 KB	$\underline{\downarrow}$

Data Sheet | Item Number: 891-8992/016-801

https://www.wago.com/891-8992/016-801





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

1.2.1.1 Cover

1.2.1 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.: 890-310

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:: $\underline{www.wago.com}$

Page 4/4 Version 15.02.2025