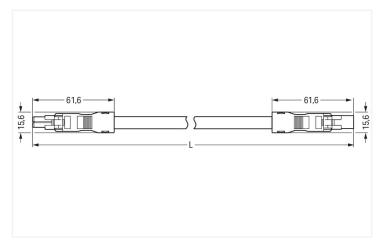
Data Sheet | Item Number: 891-8992/015-401

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. A; Control cable 2 x 1.0 mm²; 4 m; 1,00 mm²; black

https://www.wago.com/891-8992/015-401







Color: ■ black

Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

The WINSTA® MINI cable assembly with protection type IP20 allows assembly of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in next to no time. 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. Particularly if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its strengths. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the installation is low-maintenance and can be performed without screw connections. According to the European CPR, the fire class of the cables used for construction is essential for building safety, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable. Eliminating halogens as an additive in the manufacture of this cable assembly significantly increases fire safety and minimises environmental contamination.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable is pre-assembled 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. Choose quality and durability – with fire class E from WAGO makes the electrical installation of electrical components substantially easier.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- suitable for any application
- custom-engineered solutions
- · rapid, structured electrical 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 mΩ contact transition plug/ socket
Nominal voltage	250 V	-	-		COCIOC
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	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	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05Z1Z1-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)	
	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	119.37 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black

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Material data		
Printing color of sheathed cable	white	
Halogen-free	Yes	
Silicon-free	Yes	
Sheath material	Halogen-free	
Rubber cable	No	
Weight	237.6 g	
Copper weight of the pipe	0.0192 kg/m	

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
Note on continuous operating temperature	Cable for temperatures \leq 70 °C (including halogen-free) Insulating parts for temperatures \leq 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	4055143391245
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates	
General approvals	Declarations of conformity and manufacturer's declarations

CCA KEWA

Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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Downloads

Environmental Product Compliance

Compliance Search
Environmental Product
Compliance



Documentation

891-8992/015-401

Bid Text			
891-8992/015-401	19.02.2019	xml 2.94 KB	<u>↓</u>
891-8992/015-401	24.11.2014	doc 23.50 KB	$\underline{\downarrow}$

CAD/CAE-Data

CAE data	
EPLAN Data Portal 891-8992/015-401	<u>↓</u>
WSCAD Universe 891-8992/015-401	$\underline{\downarrow}$

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 890-111

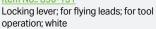
operation; black

1.1.1.1 Locking system



Locking lever; for flying leads; for tool





E ST





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.: 897-2001

Protective cap; Type1; for sockets and plugs; PVC; red

Data Sheet | Item Number: 891-8992/015-401

https://www.wago.com/891-8992/015-401



1.2.2 Installation

1.2.2.1 Mounting accessories



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



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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com

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