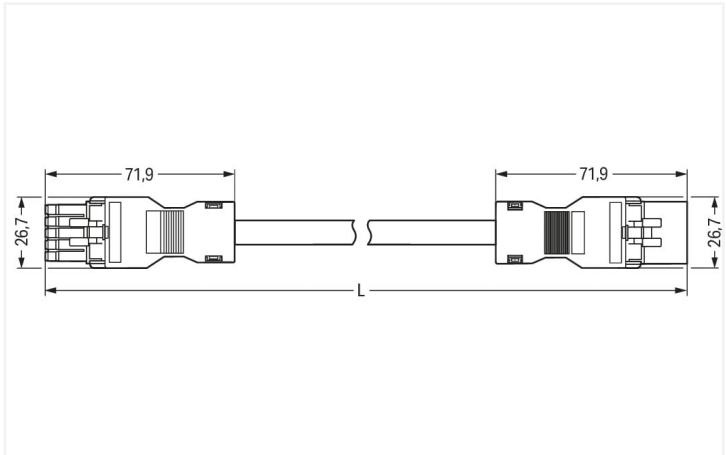




Color: white



Dimensions in mm

Cable assembly *WINSTA*® MINI rated current 13 A

The *WINSTA*® MINI cable assembly rated current 13 A is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors can be used when specifications repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Standard mains applications for almost any domain of use can be implemented with *WINSTA*® MINI pluggable installation connectors with A coding. *WINSTA*® MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since due to LED technology, these offer much less space for the connection technology. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are provided. *WINSTA*® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Now you can also reduce installation expenses without compromising safety and quality: with protection against mismating reduces the need for servicing and prevents unnecessary downtime.

- protection against mismating eliminates errors
- consistent IP40 protection
- with A coding for a large 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 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2			
Nominal voltage	400 V	-	-			
Rated surge voltage	6 kV	-	-			
Rated current	13 A	-	-			

Connection data

Total number of potentials	5	Connection 1	
		Pole number	5
		Wire cross-section	1.5 mm ²
		Connection type	Socket - Plug

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	26.7 mm / 1.051 inches
Height	15.8 mm / 0.622 inches
Total length	4 m

Mechanical data

Use	General mains applications
Coding	A
Variable coding	No
Marking	N ⊕ 1 2 3
Potential marking	N ⊕ 1 2 3
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 5G1.5
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)	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	119.976 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black



Material data	
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	640.7 g
Copper weight of the pipe	0.072 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	4055143398701
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations	
			
Approval	Standard	Certificate Name	
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971	EU-Declaration of Confor- mity WAGO GmbH & Co. KG
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232	UK-Declaration of Confor- mity WAGO GmbH & Co. KG



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance

891-8995/006-402

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Documentation

Bid Text

891-8995/006-402	19.02.2019	xml 2.90 KB	↓
891-8995/006-402	01.12.2014	doc 24.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
891-8995/006-402

↓

CAE data

EPLAN Data Portal
891-8995/006-402

↓

WSCAD Universe
891-8995/006-402

↓

ZUKEN Portal
891-8995/006-402

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1 Compatible Products

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.: 890-131](#)
Locking lever; for flying leads; for tool operation; white



[Item No.: 890-101](#)
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.: 897-2003](#)
Protective cap; Type2; 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