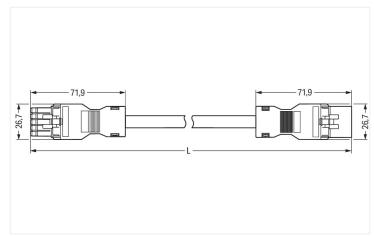
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05Z1Z1-F

5G 1.5 mm²; 5 m; 1,50 mm²; white

https://www.wago.com/891-8995/016-502







Dimensions in mm

Cable assembly WINSTA® MINI rated current 13 A

The WINSTA® MINI cable assembly 5-pole supports fast, reliable installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in next to no time. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. Thanks to the color coding and mechanical A coding of WINSTA® MINI pluggable installation connectors, you can clearly distinguish different circuits. Due to its particularly compact dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very tight spaces, i.e., for connections when very little room is available. According to the European CPR, the fire class of the cables used for construction is critical for the safety of buildings as well. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable. Eliminating halogens as an additive in the manufacture of this cable assembly substantially 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 is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- pluggable installation connectors with protection against mismating
- · easy tool-free operation, a wide range of coding options
- · suitable for any application
- · exact dimensions
- · convenient installation and commissioning

| 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 Ω of contact resistance |
| Pollution degree | 3 | 2 | 2 | | approx. 0.25 m Ω contact transition plug/ socket |
| Nominal voltage | 400 V | - | - | | 000.101 |
| 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 mm² | |
| | | 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 | 5 m |

| Mechanical data | |
|---|---|
| Use | General mains applications |
| Coding | A |
| Variable coding | No |
| Marking | N⊕123 |
| Potential marking | N⊕123 |
| 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 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). |

| Information on material specifications can be found here |
|--|
| white |
| Polyamide (PA66) |
| E _{ca} |
| Copper or copper alloy; surface-treated |
| Tin |
| 149.976 MJ |
| white |
| white |
| white |
| black |
| W P E C T 1 W |

https://www.wago.com/891-8995/016-502



| Material data | |
|---------------------------|--------------|
| Halogen-free | Yes |
| Silicon-free | Yes |
| Sheath material | Halogen-free |
| Rubber cable | No |
| Weight | 791.3 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 | 4055143400114 |
| Customs tariff number | 85444290900 |

| Environmental Product Compliance | |
|----------------------------------|------------------------|
| RoHS Compliance Status | Compliant,No Exemption |

Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

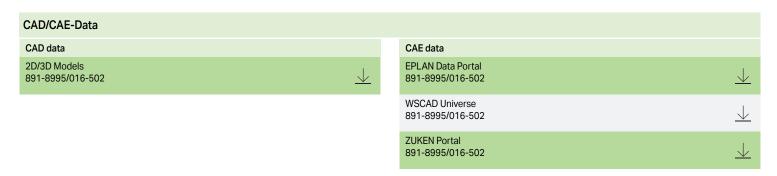
| Approval | Standard | Certificate Name |
|---|----------|------------------|
| EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

https://www.wago.com/891-8995/016-502



Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 891-8995/016-502

| Documentation | | | |
|------------------|------------|-----------------|--------------------------|
| Bid Text | | | |
| 891-8995/016-502 | 19.02.2019 | xml 2.92 KB | $\underline{\downarrow}$ |
| 891-8995/016-502 | 01.12.2014 | doc 24.50 KB | $\underline{\downarrow}$ |





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

https://www.wago.com/891-8995/016-502



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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