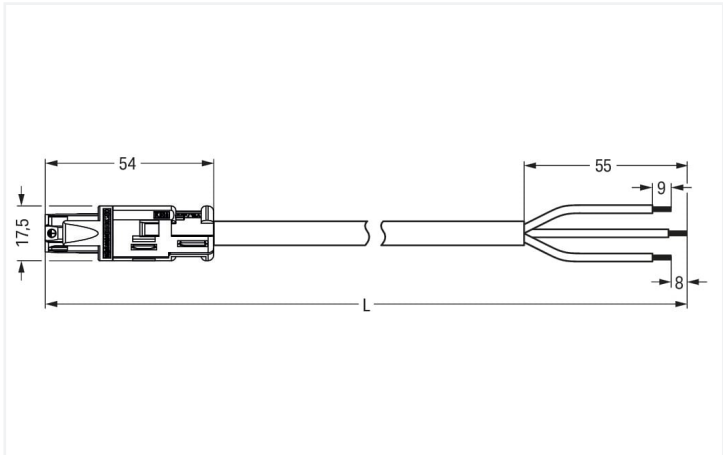




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD rated current 16 A

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly A coding. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector offers touch-proof protection with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). WINSTA® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E. 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 free end. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Choose quality and durability – with fire class E from WAGO makes the electrical installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in a large number of general mains applications
- 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      |       |                |    | General information                             |  |
|----------------------|-------|----------------|----|-------------------------------------------------|--|
| Ratings per          |       | IEC/EN 60664-1 |    | Note on contact resistance                      |  |
| Overvoltage category | III   | III            | II | approx. 1 mΩ of contact resistance              |  |
| Pollution degree     | 3     | 2              | 2  | approx. 0.25 mΩ contact transition plug/ socket |  |
| Nominal voltage      | 250 V | -              | -  |                                                 |  |
| Rated surge voltage  | 4 kV  | -              | -  |                                                 |  |
| Rated current        | 16 A  | -              | -  |                                                 |  |

## Connection data

|                            |                           |
|----------------------------|---------------------------|
| Total number of potentials | 3                         |
| PE function                | Preceding PE contact      |
| Conductor preparation      | ultrasonically tip-bonded |

### Connection 1

|                                 |                     |
|---------------------------------|---------------------|
| Strip length                    | 9 mm / 0.35 inches  |
| Pole number                     | 3                   |
| Sheathed cable diameter         | 7.4 ... 9.4 mm      |
| Wire cross-section              | 1.5 mm <sup>2</sup> |
| Strip length (outer insulation) | 55 mm               |
| Connection type                 | Socket - free end   |

## Physical data

|              |                        |
|--------------|------------------------|
| Width        | 17.5 mm / 0.689 inches |
| Height       | 17.5 mm / 0.689 inches |
| Total length | 7 m                    |

## Mechanical data

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Application                             | General mains applications                                                                                    |
| Coding                                  | A                                                                                                             |
| Variable coding                         | No                                                                                                            |
| Marking                                 | L N                                                                                                           |
| Mating force of a plug-in connection    | Approx. 30 ... 70 N (depending on pole number)                                                                |
| Retention force of a plug-in connection | when locked: > 80N                                                                                            |
| Unmating force of a plug-in connection  | Unlocked: approx. 30 ... 70 N (depending on pole number)                                                      |
| Number of mating cycles                 | 200, without resistive load                                                                                   |
| Connection type                         | Socket - free end                                                                                             |
| Type of pre-assembled cable             | Connecting cable                                                                                              |
| Cable type                              | H05Z1Z1-F 3G1.5                                                                                               |
| Protection type                         | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

## Plug-in connection

|                               |                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mismating protection          | Yes                                                                                                                                                                                                       |
| Note on mismating protection  | All <i>W/INSTA</i> ® components are 100% protected against mismating when:<br>a.) plugging different numbers of poles<br>b.) plugging while incorrectly rotated<br>c.) plugging while laterally staggered |
| Locking lever                 | Yes                                                                                                                                                                                                       |
| Locking of plug-in connection | Locking lever                                                                                                                                                                                             |

## Material data

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)             | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                            | black                                                                                                                  |
| Insulation material              | Polyamide (PA66)                                                                                                       |
| Fire class per EN 50575          | E <sub>ca</sub>                                                                                                        |
| Contact material                 | Copper or copper alloy; surface-treated                                                                                |
| Contact plating                  | Tin                                                                                                                    |
| Fire load                        | 209.399 MJ                                                                                                             |
| Connector color                  | black                                                                                                                  |
| Strain relief color              | black                                                                                                                  |
| Sheathed cable color             | black                                                                                                                  |
| Printing color of sheathed cable | white                                                                                                                  |
| Halogen-free                     | Yes                                                                                                                    |
| Silicon-free                     | Yes                                                                                                                    |



| Material data             |              |
|---------------------------|--------------|
| Sheath material           | Halogen-free |
| Rubber cable              | No           |
| Weight                    | 687.7 g      |
| Copper weight of the pipe | 0.043 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)<br>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 8.0              | EC002587      |
| ETIM 7.0              | EC002587      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | DE            |
| GTIN                  | 4045454323141 |
| Customs tariff number | 85444290900   |

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

Approvals / Certificates

| General approvals                                                                                                                                            |          |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|------------------------------------------------------------|----------|------------------|
| <div><div>CCA CCA CCA</div><div><div>KEMA</div><div>KEUR</div></div><div><div>KEMA</div><div>KEUR</div></div><div><div>KEMA</div><div>KEUR</div></div></div> |          |                  | Approval                                                   | Standard | Certificate Name |
| Approval                                                                                                                                                     | Standard | Certificate Name | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| CCA<br>DEKRA Certification B.V.                                                                                                                              | -        | NTR NL 6374      | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| CCA<br>DEKRA Certification B.V.                                                                                                                              | EN 61535 | NTR NL-7969      |                                                            |          |                  |
| CCA<br>DEKRA Certification B.V.                                                                                                                              | EN 61984 | NTR NL-7848      |                                                            |          |                  |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                        | EN 61535 | 71-123229        |                                                            |          |                  |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                        | EN 61984 | 71-114944        |                                                            |          |                  |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                        | -        | 2118353.01       |                                                            |          |                  |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
774-9993/116-701

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Documentation

| Bid Text         |            |                 |   |
|------------------|------------|-----------------|---|
| 774-9993/116-701 | 19.02.2019 | xml<br>3.04 KB  | ↓ |
| 774-9993/116-701 | 07.01.2015 | doc<br>23.50 KB | ↓ |

CAD/CAE-Data

CAD data

2D/3D Models  
774-9993/116-701

↓

CAE data

EPLAN Data Portal  
774-9993/116-701

↓

WSCAD Universe  
774-9993/116-701

↓

ZUKEN Portal  
774-9993/116-701

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 897-2001  
Protective cap; Type1; for sockets and  
plugs; PVC; red