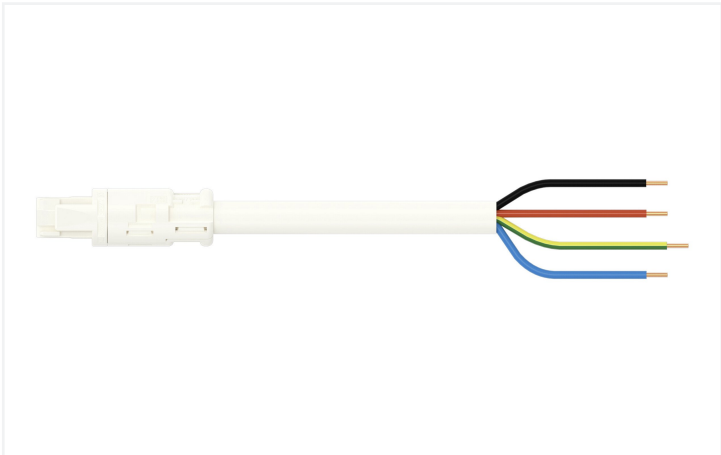
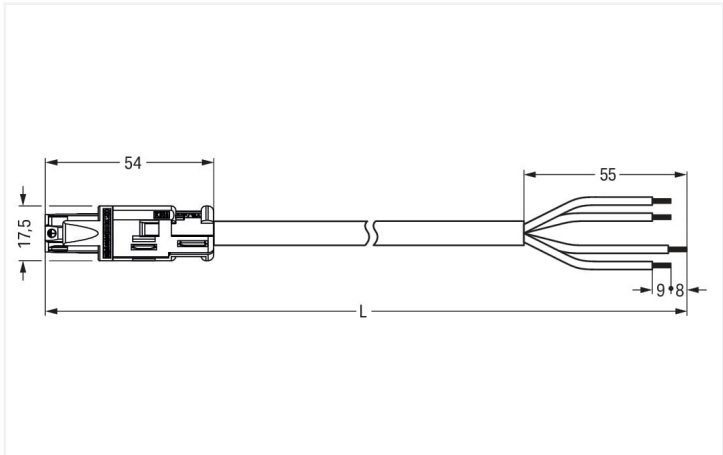




Color: ■ white



Dimensions in mm

Cable assembly WINSTA® RD rated current 16 A

The WINSTA® RD cable assembly rated current 16 A provides the foundation for installation of solid and fine-stranded conductors. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). The WINSTA® RD offers a round design that is perfect for use in conduits with an inner diameter of 20 mm, such as in construction of prefabricated houses. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable is pre-assembled 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 consequently faster, more reliable, and error-free. Using this pre-assembled system reduces assembly times and installation errors at the construction site. Now you can also lower installation expenses without compromising quality and safety: with fire class E reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- suitable for any application
- custom-engineered solutions
- 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/ |  |
| Nominal voltage      | 250 V | -              | -   | -  | socket                                   |  |
| Rated surge voltage  | 4 kV  | -              | -   | -  |                                          |  |
| Rated current        | 16 A  | -              | -   | -  |                                          |  |

## Connection data

|                            |                           |                                 |                     |
|----------------------------|---------------------------|---------------------------------|---------------------|
| Total number of potentials | 4                         | <b>Connection 1</b>             |                     |
| Conductor preparation      | ultrasonically tip-bonded | Strip length                    | 9 mm / 0.35 inches  |
|                            |                           | Pole number                     | 4                   |
|                            |                           | Sheathed cable diameter         | 8.4 ... 10.5 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                                 | N 2 1                                                                                                         |
| 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                              | H05VV-F 4G1.5                                                                                                 |
| 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                            | white                                                                                                                  |
| 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                        | 209.413 MJ                                                                                                             |
| Connector color                  | white                                                                                                                  |
| Strain relief color              | white                                                                                                                  |
| Sheathed cable color             | white                                                                                                                  |
| Printing color of sheathed cable | black                                                                                                                  |
| Halogen-free                     | No                                                                                                                     |
| Silicon-free                     | Yes                                                                                                                    |



| Material data             |            |
|---------------------------|------------|
| Sheath material           | PVC        |
| Rubber cable              | No         |
| Weight                    | 915.1 g    |
| Copper weight of the pipe | 0.058 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                  | 4045454345938 |
| 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>CCA CCA CCA   </div> <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>CCA<br/>DEKRA Certification B.V.</td><td>-</td><td>NTR NL 6374</td></tr><tr><td>CCA<br/>DEKRA Certification B.V.</td><td>EN 61535</td><td>NTR NL-7969</td></tr><tr><td>CCA<br/>DEKRA Certification B.V.</td><td>EN 61984</td><td>NTR NL-7848</td></tr><tr><td>KEMA/KEUR<br/>DEKRA Certification B.V.</td><td>EN 61535</td><td>71-123229</td></tr><tr><td>KEMA/KEUR<br/>DEKRA Certification B.V.</td><td>EN 61984</td><td>71-114944</td></tr><tr><td>KEMA/KEUR<br/>DEKRA Certification B.V.</td><td>-</td><td>2118353.01</td></tr></table> |          | Approval                                                   | Standard | Certificate Name | CCA<br>DEKRA Certification B.V. | - | NTR NL 6374 | 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 | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor-<br/>mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor-<br/>mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | - | - | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | - | - |
| Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Standard | Certificate Name                                           |          |                  |                                 |   |             |                                 |          |             |                                 |          |             |                                       |          |           |                                       |          |           |                                       |   |            |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |
| CCA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -        | NTR NL 6374                                                |          |                  |                                 |   |             |                                 |          |             |                                 |          |             |                                       |          |           |                                       |          |           |                                       |   |            |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |
| 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                                                 |          |                  |                                 |   |             |                                 |          |             |                                 |          |             |                                       |          |           |                                       |          |           |                                       |   |            |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |
| Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Standard | Certificate Name                                           |          |                  |                                 |   |             |                                 |          |             |                                 |          |             |                                       |          |           |                                       |          |           |                                       |   |            |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -        | -                                                          |          |                  |                                 |   |             |                                 |          |             |                                 |          |             |                                       |          |           |                                       |          |           |                                       |   |            |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -        | -                                                          |          |                  |                                 |   |             |                                 |          |             |                                 |          |             |                                       |          |           |                                       |          |           |                                       |   |            |                                                                                                                                                                                                                                                                                           |          |          |                  |                                                         |   |   |                                                         |   |   |



|                                  |                  |  |  |
|----------------------------------|------------------|--|--|
| Downloads                        |                  |  |  |
| Environmental Product Compliance |                  |  |  |
| Compliance Search                |                  |  |  |
| Environmental Product Compliance | 774-9994/106-702 |  |  |

|                  |            |                 |  |
|------------------|------------|-----------------|--|
| Documentation    |            |                 |  |
| Bid Text         |            |                 |  |
| 774-9994/106-702 | 19.02.2019 | xml<br>3.02 KB  |  |
| 774-9994/106-702 | 08.01.2015 | doc<br>24.00 KB |  |

|                   |                  |  |  |
|-------------------|------------------|--|--|
| CAD/CAE-Data      |                  |  |  |
| CAE data          |                  |  |  |
| EPLAN Data Portal | 774-9994/106-702 |  |  |
| WSCAD Universe    | 774-9994/106-702 |  |  |