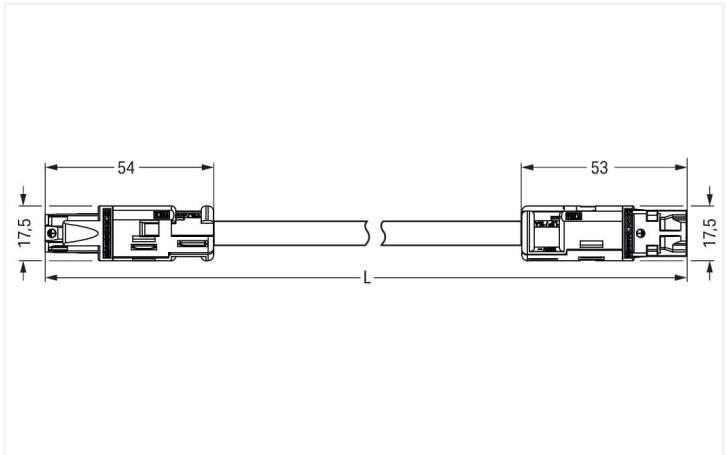




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly A coding. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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. 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 met by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose durability and quality – with marking from WAGO makes the installation of electrical components visibly easier.

- protection against mismating eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- for any mains application
- ready to install and use immediately
- 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 |                            |                                                                                          |
| Pollution degree     | 3     | 2              | 2  |                            |                                                                                          |
| Nominal voltage      | 250 V | -              | -  |                            |                                                                                          |
| Rated surge voltage  | 4 kV  | -              | -  |                            |                                                                                          |
| Rated current        | 16 A  | -              | -  |                            |                                                                                          |
|                      |       |                |    | Note on contact resistance | approx. 1 mΩ of contact resistance<br>approx. 0.25 mΩ contact transition plug/<br>socket |



| Connection data                         |  |                                                                                                                                                                                                  |                 |
|-----------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Total number of potentials              |  | 4                                                                                                                                                                                                |                 |
|                                         |  | <b>Connection 1</b>                                                                                                                                                                              |                 |
|                                         |  | Pole number                                                                                                                                                                                      | 4               |
|                                         |  | Sheathed cable diameter                                                                                                                                                                          | 8.4 ... 10.5 mm |
|                                         |  | Wire cross-section                                                                                                                                                                               | 1.5 mm²         |
|                                         |  | Connection type                                                                                                                                                                                  | Socket - Plug   |
|                                         |  |                                                                                                                                                                                                  |                 |
| Physical data                           |  |                                                                                                                                                                                                  |                 |
| Width                                   |  | 17.5 mm / 0.689 inches                                                                                                                                                                           |                 |
| Height                                  |  | 17.5 mm / 0.689 inches                                                                                                                                                                           |                 |
| Total length                            |  | 2 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 - Plug                                                                                                                                                                                    |                 |
| Type of pre-assembled cable             |  | Interconnecting 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 WINSTA® 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                               |  | 58.914 MJ                                                                                                                                                                                        |                 |
| Connector color                         |  | black                                                                                                                                                                                            |                 |
| Strain relief color                     |  | black                                                                                                                                                                                            |                 |
| Sheathed cable color                    |  | black                                                                                                                                                                                            |                 |
| Printing color of sheathed cable        |  | white                                                                                                                                                                                            |                 |
| Halogen-free                            |  | No                                                                                                                                                                                               |                 |
| Silicon-free                            |  | Yes                                                                                                                                                                                              |                 |
| Sheath material                         |  | PVC                                                                                                                                                                                              |                 |
| Rubber cable                            |  | No                                                                                                                                                                                               |                 |



Material data

|                           |            |
|---------------------------|------------|
| Weight                    | 269.1 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                  | 4055143372954 |
| 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<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 | 774-9994/006-201 |  |  |

| Documentation    |            |                 |                                                                                   |
|------------------|------------|-----------------|-----------------------------------------------------------------------------------|
| Bid Text         |            |                 |                                                                                   |
| 774-9994/006-201 | 19.02.2019 | xml<br>2.95 KB  |  |
| 774-9994/006-201 | 08.01.2015 | doc<br>24.00 KB |  |

| CAD/CAE-Data      |                  |  |                                                                                     |
|-------------------|------------------|--|-------------------------------------------------------------------------------------|
| CAE data          |                  |  |                                                                                     |
| EPLAN Data Portal | 774-9994/006-201 |  |    |
| WSCAD Universe    | 774-9994/006-201 |  |  |