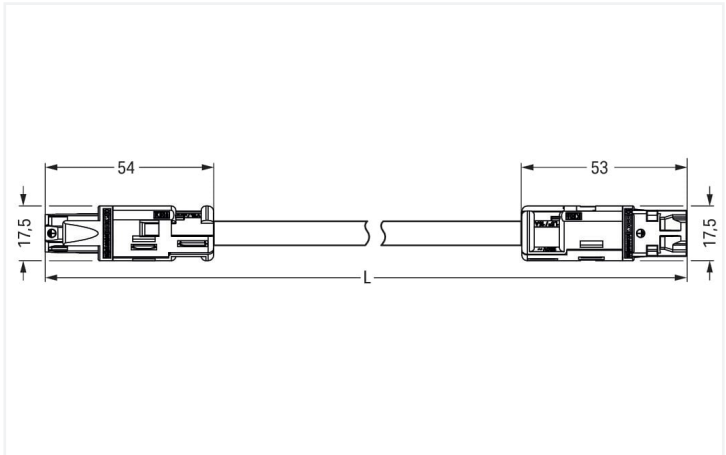




Color: ■ black



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 mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. 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!)). With WINSTA® RD, we have created a product line that fits perfectly into boreholes or conduits thanks to its design. 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.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also reduce installation costs without compromising quality and safety: with marking eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- with A coding for a great number of uses
- custom-engineered solutions
- convenient installation and commissioning

| 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 | approx. 1 mΩ of contact resistance<br>approx. 0.25 mΩ contact transition plug/<br>socket |
| Overvoltage category | III   | III            | II |  |                            |                                                                                          |
| Pollution degree     | 3     | 2              | 2  |  |                            |                                                                                          |
| Nominal voltage      | 250 V | -              | -  |  |                            |                                                                                          |
| Rated surge voltage  | 4 kV  | -              | -  |  |                            |                                                                                          |
| Rated current        | 16 A  | -              | -  |  |                            |                                                                                          |



| 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                            |  | 4 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                               |  | 118.824 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                    | 528.7 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                  | 4045454325725 |
| 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 | 774-9994/006-401 |  |  |

| Documentation    |            |                 |  |
|------------------|------------|-----------------|--|
| Bid Text         |            |                 |  |
| 774-9994/006-401 | 19.02.2019 | xml<br>2.95 KB  |  |
| 774-9994/006-401 | 08.01.2015 | doc<br>24.00 KB |  |

| CAD/CAE-Data      |                  |  |  |
|-------------------|------------------|--|--|
| CAE data          |                  |  |  |
| EPLAN Data Portal | 774-9994/006-401 |  |  |
| WSCAD Universe    | 774-9994/006-401 |  |  |