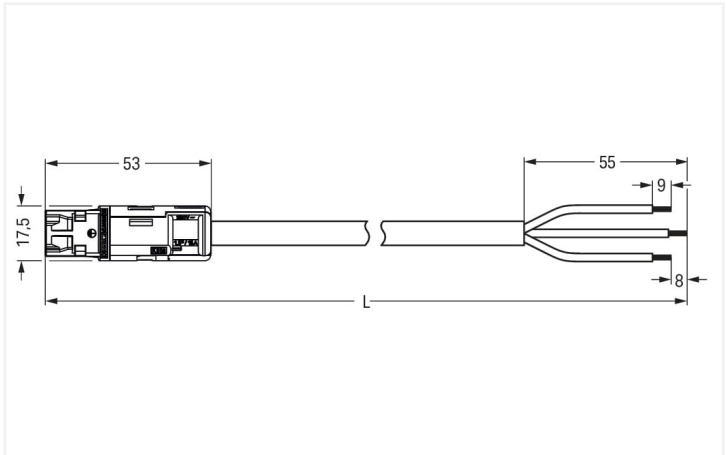




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD 3-pole

The WINSTA® RD cable assembly rated current 16 A supports fast, reliable installation. 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 are suitable for drill holes and conduits with diameters up to 20 mm. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- effective protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- suitable for any application
- 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 | 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 | 3                         | <b>Connection 1</b>             |                     |
| PE function                | Preceding PE contact      | Strip length                    | 9 mm / 0.35 inches  |
| Conductor preparation      | ultrasonically tip-bonded | 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                 | Plug - free end     |

## Physical data

|              |                        |
|--------------|------------------------|
| Width        | 17.5 mm / 0.689 inches |
| Height       | 17.5 mm / 0.689 inches |
| Total length | 3 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                         | Plug - free end                                                                                               |
| Type of pre-assembled cable             | Connecting cable                                                                                              |
| Cable type                              | H05VV-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 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                        | 89.425 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                                                                                                                    |



| Material data             |            |
|---------------------------|------------|
| Rubber cable              | No         |
| Weight                    | 299.1 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                  | 4045454323424 |
| 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</div><div><div>KEMA</div><div>KEUR</div></div><div><div>KEMA</div><div>KEUR</div></div></div> |          |                                                            |
| 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                                                  |
| 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 | 774-9993/206-301 |  | <a href="#">↓</a> |

|                  |            |                 |                   |
|------------------|------------|-----------------|-------------------|
| Documentation    |            |                 |                   |
| Bid Text         |            |                 |                   |
| 774-9993/206-301 | 19.02.2019 | xml<br>2.97 KB  | <a href="#">↓</a> |
| 774-9993/206-301 | 08.01.2015 | doc<br>23.50 KB | <a href="#">↓</a> |

|              |                   |                   |                   |
|--------------|-------------------|-------------------|-------------------|
| CAD/CAE-Data |                   |                   |                   |
| CAD data     |                   | CAE data          |                   |
| 2D/3D Models | 774-9993/206-301  | EPLAN Data Portal | 774-9993/206-301  |
|              | <a href="#">↓</a> |                   | <a href="#">↓</a> |
|              |                   | WSCAD Universe    | 774-9993/206-301  |
|              |                   |                   | <a href="#">↓</a> |
|              |                   | ZUKEN Portal      | 774-9993/206-301  |
|              |                   |                   | <a href="#">↓</a> |

|                          |
|--------------------------|
| 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