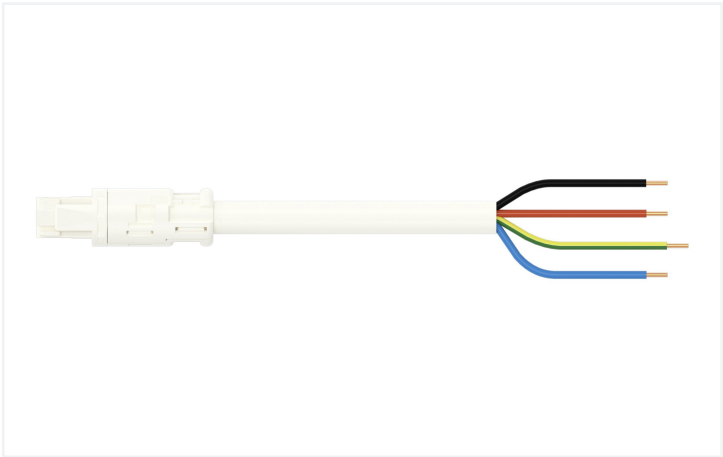
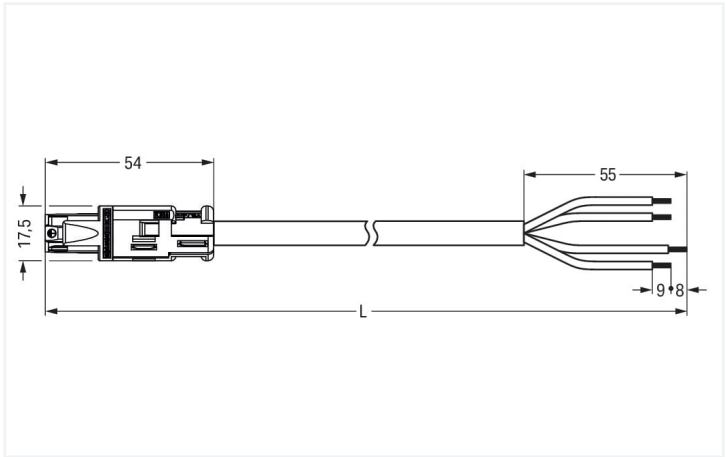




Color: ■ white



Dimensions in mm

Cable assembly *WINSTA*® RD with strain relief

The *WINSTA*® RD cable assembly with locking latch is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with live elements. With *WINSTA*® RD, we have introduced 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 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 provided with a socket and a free end. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with protection against mismating from WAGO makes the installation of electrical components substantially easier.

- protection against mismating eliminates errors
- saves time, since no wiring is required at the construction site
- with A coding for use in a large number of general mains applications
- ready for immediate use
- quick replacement of defective units during ongoing operation

| Notes |                                                               |
|-------|---------------------------------------------------------------|
| Note  | Cables with a different fire class can be found in the eShop. |

| Electrical data      |       |                |    |  | General information                             |  |
|----------------------|-------|----------------|----|--|-------------------------------------------------|--|
| Ratings per          |       | IEC/EN 60664-1 |    |  | Note on contact resistance                      |  |
| Overvoltage category | III   | III            | II |  | approx. 1 mΩ of contact resistance              |  |
| Pollution degree     | 3     | 2              | 2  |  | approx. 0.25 mΩ contact transition plug/ socket |  |
| Nominal voltage      | 250 V | -              | -  |  |                                                 |  |
| Rated surge voltage  | 4 kV  | -              | -  |  |                                                 |  |
| Rated current        | 16 A  | -              | -  |  |                                                 |  |

## Connection data

|                            |                           |                                 |                     |
|----------------------------|---------------------------|---------------------------------|---------------------|
| Total number of potentials | 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 | 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 - 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                        | 119.413 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                    | 525.1 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                  | 4045454345860 |
| Customs tariff number | 85444290900   |

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

Approvals / Certificates

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



| Downloads                        |                  |  |  |
|----------------------------------|------------------|--|--|
| Environmental Product Compliance |                  |  |  |
| Compliance Search                |                  |  |  |
| Environmental Product Compliance | 774-9994/106-402 |  |  |

| Documentation    |            |                 |  |
|------------------|------------|-----------------|--|
| Bid Text         |            |                 |  |
| 774-9994/106-402 | 19.02.2019 | xml<br>3.02 KB  |  |
| 774-9994/106-402 | 08.01.2015 | doc<br>24.00 KB |  |

| CAD/CAE-Data      |                  |  |  |
|-------------------|------------------|--|--|
| CAE data          |                  |  |  |
| EPLAN Data Portal | 774-9994/106-402 |  |  |
| WSCAD Universe    | 774-9994/106-402 |  |  |