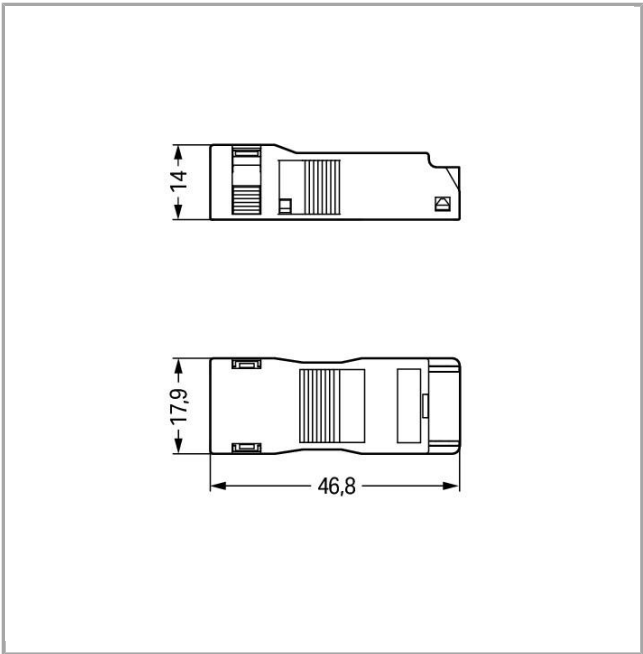
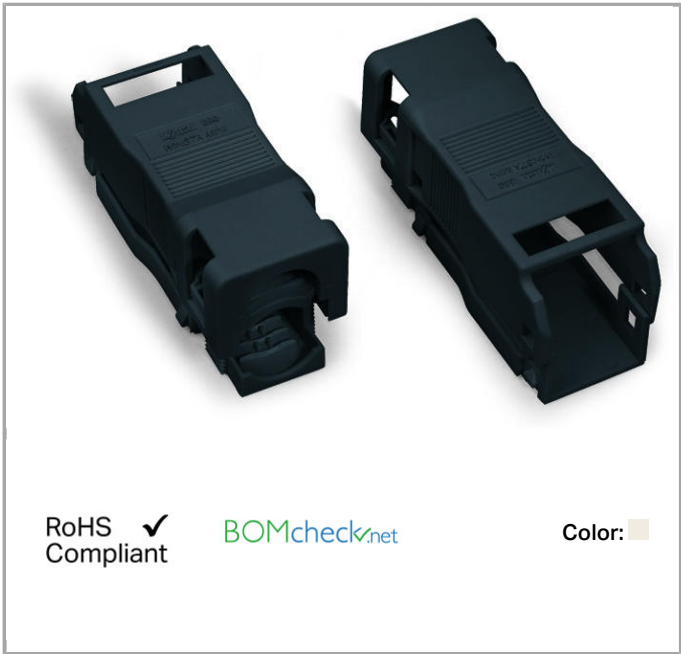




890-513



Data

Electrical data

Note on Contact Resistance

approx. 1mΩ contact resistance

approx. 0.25mΩ contact transition plug/socket

Connection data

|                                     |               |
|-------------------------------------|---------------|
| No. of poles                        | 3             |
| Connectable sheathed cable diameter | 4.5 ... 10 mm |
| Strip length                        | 40 mm         |

Geometrical Data

|        |                      |
|--------|----------------------|
| Width  | 17.9 mm / 0.705 inch |
| Height | 14 mm / 0.551 inch   |
| Depth  | 46.8 mm / 1.843 inch |

## Mechanical data

|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection class         | IP20                                                                                                                                     |
| Note on protection class | Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) |

## Plug connection

|                               |               |
|-------------------------------|---------------|
| Mismating protection          | Yes           |
| Locking of plug-in connection | locking lever |

## Material Data

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Color                       | white                                   |
| Insulating material         | Polyamide 66 (PA 66)                    |
| Flammability class per UL94 | V0                                      |
| Contact material            | Copper or copper alloy, surface-treated |
| Fire load                   | 0.093 MJ                                |
| Weight                      | 3.78 g                                  |

## Environmental Requirements

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Surrounding air (operating) temperature | -35 ... 85 °C                              |
| Processing temperature                  | -5 ... +40 °C                              |
| Continuous operating temperature        | -35 ... +85 °C                             |
| Note on Continuous Service Temperature  | Insulating parts for temperatures ≤ 105 °C |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 20 (WINSTA)   |
| Country of origin  | DE            |
| GTIN               | 4045454233365 |
| Customs Tariff No. | 85366990990   |

## Approvals / Certificates

### UL-Approvals

| Logo                                                                               | Approval                            | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|-------------------------------------|--------------------------|------------------|
|  | UL<br>UL International Germany GmbH | UL 1977                  | E45171           |



Compatible products

shield connection

|                                                                                  |                                                                             |         |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------|
|  | Item no.: 890-523<br>Shield connecting plate; 3-pole; for sockets and plugs | 890-523 |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------|

Downloads  
Documentation  
Bid Text

|                                |             |                |          |
|--------------------------------|-------------|----------------|----------|
| 890-513<br>WINSTA MINI 3-polig | Apr 4, 2012 | doc<br>24.1 kB | Download |
|--------------------------------|-------------|----------------|----------|

CAD/CAE - Smart Data  
CAD data

|                     |     |          |
|---------------------|-----|----------|
| 3D Download 890-513 | URL | Download |
|---------------------|-----|----------|

Subject to changes.