# Data sheet | Item number: 771-9993/205-807

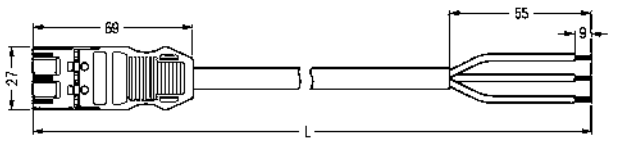
pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 8 m; 1,00 mm²; pink

www.wago.com/771-9993_205-807

RoHS ✓ Compliant

BOMcheck.net

Color:




## Item description

- Protected against mismating and maintenance-free
- Additional variable coding is possible
- Components can be clearly printed on and color-coded to meet custom requirements

**Note:**

Cables with a different fire class can be found in the eShop.

**Note on mismating protection:**

All WINSTA® components are 100% protected against mismating when:
a.) plugging different numbers of poles
b.) plugging while rotated 180
c.) plugging while laterally staggered
d.) plugging one pole

**Safety information 1:**

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.

## Data

## Electrical data

| | |
|---|---|
| Note on Contact Resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |

Subject to changes. Please also observe the further product documentation!

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## Ratings per IEC/EN 60664-1

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 10 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

## Approvals per UL 1977

| | |
|---|---|
| Rated voltage per UL 1977 (factory wiring only) | 600 V |
| Rated current per UL 1977 (factory wiring only) | 23 A |

## Connection data

| | |
|---|---|
| Strip length | 9 mm / 0.35 inch |
| No. of poles | 3 |
| Total number of potentials | 3 |
| Conductor preparation | tip-bonded |
| Cable diameter | 6,3 … 8 mm |
| Cross section of single conductor | 1 mm² |
| Strip length | 55 mm |
| Connection type | Plug - Free end |

## Geometrical Data

| | |
|---|---|
| Pin spacing | 10 mm / 0.394 inch |
| Total length | 8 m |

## Mechanical data

| | |
|---|---|
| Coding | B |
| Mating force of a plug-in connection | approx. 20 … 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 … 70 N (depending on pole number) |
| Number of mating cycles | 200 (without resistive load) 100 (with resistive load $I_N$ = 25 A), tested (4 mm²) |
| Connection type | Plug - free end |
| Type of cable assembly | Connecting cable |
| Type of cable | Control line 3 x 1 |

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| | |
|---|---|
| Marking | 1 2 3 |
| Protection class | IP20 |
| Note on protection class | Only when mated (these compact connectors are not designed for use in open, easily accessible areas). |
| Potential marking | 1 2 3 |

## Plug connection

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

## Material Data

| | |
|---|---|
| Color | pink |
| Insulating material | Polyamide 66 (PA 66) |
| Reaction to fire class per EN 50575 | $E_{ca}$ |
| Contact material | Copper or copper alloy (surface-treated) |
| Connector color | pink |
| Printing color of mating face | black |
| Strain relief color | black |
| Printing color of strain relief | white |
| Color of sheathed cable | gray |
| Printing color of sheathed cable | black |
| Sheath material | PVC |
| Weight | 594.5 g |

## Environmental Requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on Continuous Service Temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

## Commercial data

| | |
|---|---|
| Packaging type | not packed |
| Country of origin | DE |
| GTIN | 4055143479424 |
| Customs Tariff No. | 85444290900 |

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## Counterpart

## Compatible products

| | | |
|---|---|---|
| **Locking lever** | | |
| | **Item no.: 770-101**<br>Locking lever; for flying leads; for manual operation; black | www.wago.com/770-101 |
| | **Item no.: 770-111**<br>Locking lever; for flying leads; for tool operation; black | www.wago.com/770-111 |
| | **Item no.: 770-121**<br>Locking lever; for flying leads; for manual operation; white | www.wago.com/770-121 |
| | **Item no.: 770-131**<br>Locking lever; for flying leads; for tool operation; white | www.wago.com/770-131 |
| **protection** | | |
| | **Item no.: 770-360**<br>Lockout cap; for plugs; 5-pole; separable; yellow | www.wago.com/770-360 |
| **Marking accessories** | | |
| | **Item no.: 210-334**<br>Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white | www.wago.com/210-334 |
| | **Item no.: 770-450**<br>Marker card; Plastic; white | www.wago.com/770-450 |
| | **Item no.: 770-450/000-001**<br>Marker card; Plastic; white | www.wago.com/770-450/000-001 |
| | **Item no.: 770-450/000-002**<br>Marker card; Plastic; white | www.wago.com/770-450/000-002 |
| | **Item no.: 770-450/000-005**<br>Marker card; Plastic; white | www.wago.com/770-450/000-005 |
| | **Item no.: 770-450/000-006**<br>Marker card; Plastic; white | www.wago.com/770-450/000-006 |
| | **Item no.: 770-450/000-012**<br>Marker card; Plastic; white | www.wago.com/770-450/000-012 |

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## Downloads

### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 771-9993/205-807<br>doc - Datei | Jun 2, 2015 | doc<br>28.2 kB | Download |
| 771-9993/205-807<br>GAEB X81 - Datei | Feb 19, 2019 | xml<br>3.1 kB | Download |

## Installation Notes

## Product family

**WINSTA® MIDI special**
Show all products from the family

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