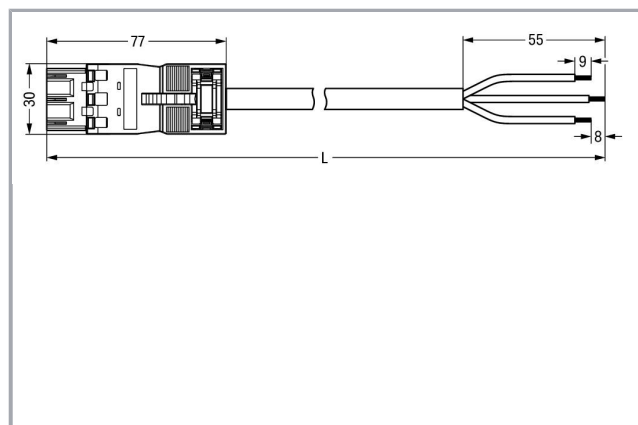
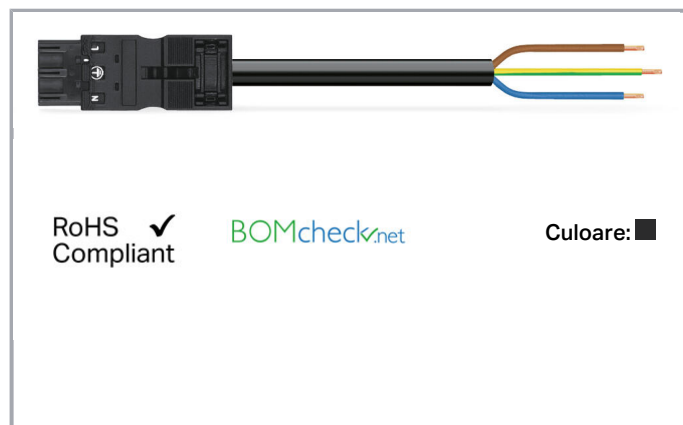


## Fișă tehnică | Număr articol: 771-6993/217-301

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A;  
H05Z1Z1-F 3G 2.5 mm<sup>2</sup>; 3 m; 2,50 mm<sup>2</sup>; black

[www.wago.com/771-6993/217-301](http://www.wago.com/771-6993/217-301)



### Descriere articol

- Protected against mismatching and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Two-wire connection per pole for loops or bridges
- Additional variable coding is possible

### Note:

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

### Note on mismatching protection:

All WINSTA® components are 100% protected against mismatching 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.

### Date

### Electrical data

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact

Supus modificărilor.

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transition plug/socket

## Ratings per IEC/EN 60664-1

| Ratings per                 | IEC/EN 60664-1                                                       |
|-----------------------------|----------------------------------------------------------------------|
| Nominal voltage (III/3)     | 250 V                                                                |
| Rated surge voltage (III/3) | 4 kV                                                                 |
| Rated current               | 20 A                                                                 |
| Legend (ratings)            | (III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3 |

## Approvals per UL 1977

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 23 A  |

## Connection data

|                                 |                               |
|---------------------------------|-------------------------------|
| Pole No.                        | 3                             |
| Total number of potentials      | 3                             |
| Ground function                 | with preceding ground contact |
| Conductor preparation           | tip-bonded                    |
| Sheathed cable diameter         | 9,2 ... 11,4 mm               |
| Wire cross-section              | 2,5 mm <sup>2</sup>           |
| Strip length (outer insulation) | 55 mm                         |
| Connection type                 | Plug - Free end               |

## Geometrical Data

|              |                    |
|--------------|--------------------|
| Pin spacing  | 10 mm / 0.394 inch |
| Total length | 3 m                |

## Mechanical data

|                                         |                                                                                                  |
|-----------------------------------------|--------------------------------------------------------------------------------------------------|
| Coding                                  | A                                                                                                |
| 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 mm <sup>2</sup> ) |
| Connection type                         | Plug - Free end                                                                                  |
| Type of pre-assembled cable             | Connecting cable                                                                                 |

Supus modificărilor.

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Cable type              | H05Z1Z1-F 3G2.5                                                                                       |
| Marking                 | L N                                                                                                   |
| Protection type         | IP 2xD                                                                                                |
| Note on protection type | Only when mated (these compact connectors are not designed for use in open, easily accessible areas). |
| Potential marking       | L N                                                                                                   |
| Application             | General mains applications                                                                            |

### Plug connection

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

### Material Data

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Color                            | black                                    |
| Insulation material              | Polyamide 66 (PA 66)                     |
| Fire class per EN 50575          | E <sub>ca</sub>                          |
| Contact material                 | Copper or copper alloy (surface-treated) |
| Fire load                        | 90,025 MJ                                |
| Connector color                  | black                                    |
| Printing color of mating face    | white                                    |
| Strain relief color              | black                                    |
| Printing color of strain relief  | white                                    |
| Sheathed cable color             | black                                    |
| Printing color of sheathed cable | white                                    |
| Halogen-free                     | Yes                                      |
| Weight                           | 460,5 g                                  |

### Environmental Requirements

|                                          |                                                                                                           |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Processing temperature                   | -5 ... +40 °C                                                                                             |
| Continuous operating temperature         | -35 ... +85 °C                                                                                            |
| Note on continuous operating 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         |

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|                       |               |
|-----------------------|---------------|
| GTIN                  | 4055143493413 |
| Customs tariff number | 85444290900   |

**Aprobări / certificate**

## Country specific Approvals

| Emblema                                                                          | Aprobare                                     | Text de aprobare suplimentar | Nume certificat |
|----------------------------------------------------------------------------------|----------------------------------------------|------------------------------|-----------------|
|  | <b>CCA</b><br>DEKRA Certification B.V.       | EN 61535                     | NTR NL-7355     |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 61535                     | 2179129.01      |

**Counterpart****Produse compatibile**

## protection

**Nr. articol: 770-360**

Lockout cap; for plugs; 5-pole; separable; yellow

[www.wago.com/770-360](http://www.wago.com/770-360)

## Marking accessories

**Nr. articol: 210-334**

Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white

[www.wago.com/210-334](http://www.wago.com/210-334)**Descărcări****CAD/CAE-Data**

## CAE data

|                                 |     |            |
|---------------------------------|-----|------------|
| WSCAD Universe 771-6993/217-301 | URL | Descărcare |
|---------------------------------|-----|------------|

**Installation Notes**

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## Familie de produse

**<i>WINSTA</i>® MIDI**

Afișare globală produse din familie.

Supus modificărilor.

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