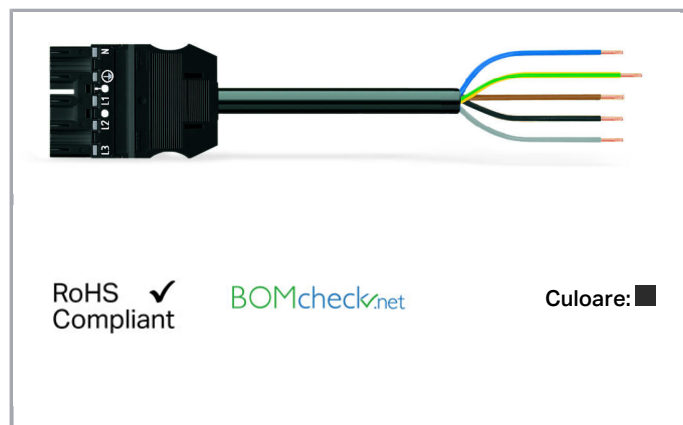


## Fișă tehnică | Număr articol: 771-9295/216-301

pre-assembled connecting cable; B2ca; Plug/open-ended; 5-pole; Cod. A;  
H05Z1Z1-F 5G 1.5 mm<sup>2</sup>; 3 m; 1,50 mm<sup>2</sup>; black

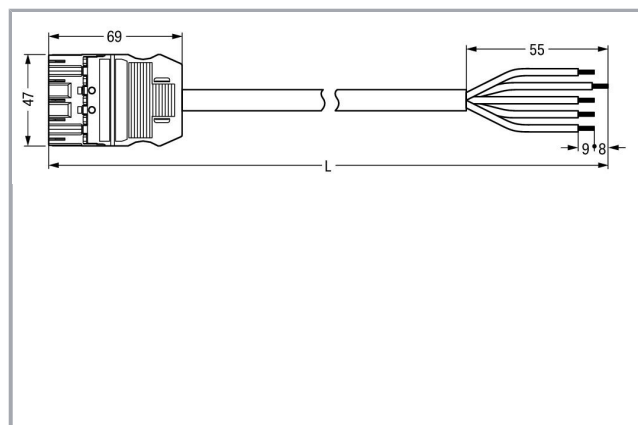
[www.wago.com/771-9295/216-301](http://www.wago.com/771-9295/216-301)



RoHS  
Compliant

BOMcheck.net

Culoare: ■



### Descriere articol

- Protected against mismatching and maintenance-free
- Additional variable coding is possible

### Note:

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

### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- 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  
transition plug/socket

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
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building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: [info-RO@wago.com](mailto:info-RO@wago.com)

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## Ratings per IEC/EN 60664-1

|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Ratings per                 | IEC/EN 60664-1                                                       |
| Nominal voltage (III/3)     | 400 V                                                                |
| Rated surge voltage (III/3) | 6 kV                                                                 |
| Rated current               | 16 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

|                                 |                               |
|---------------------------------|-------------------------------|
| Strip length                    | 9 mm / 0.35 inch              |
| Pole No.                        | 5                             |
| Total number of potentials      | 5                             |
| Ground function                 | with preceding ground contact |
| Conductor preparation           | tip-bonded                    |
| Sheathed cable diameter         | 9,3 ... 11,6 mm               |
| Wire cross-section              | 1,5 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                                                                                 |
| Cable type                              | H05Z1Z1-F 5G1.5                                                                                  |

Supus modificărilor.



|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Marking                 | N L1 L2 L3                                                                                            |
| Protection type         | IP20                                                                                                  |
| Note on protection type | Only when mated (these compact connectors are not designed for use in open, easily accessible areas). |
| Potential marking       | N L1 L2 L3                                                                                            |
| Application             | General mains applications                                                                            |

## Plug connection

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

## Material Data

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Color                            | black                                    |
| Insulation material              | Polyamide 66 (PA 66)                     |
| Fire class per EN 50575          | B2 <sub>ca</sub>                         |
| Contact material                 | Copper or copper alloy (surface-treated) |
| 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                           | 501,7 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            |
| GTIN                  | 4055143663243 |
| Customs tariff number | 85444290900   |

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## Counterpart

## Produse compatibile

### Marking accessories

|                                                                                    |                                                                                                                                      |                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|                                                                                    | <b>Nr. articol: 210-334</b><br>Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white | <a href="http://www.wago.com/210-334">www.wago.com/210-334</a>                 |
|    | <b>Nr. articol: 770-450</b><br>Marker card; Plastic; white                                                                           | <a href="http://www.wago.com/770-450">www.wago.com/770-450</a>                 |
|    | <b>Nr. articol: 770-450/000-001</b><br>Marker card; Plastic; white                                                                   | <a href="http://www.wago.com/770-450/000-001">www.wago.com/770-450/000-001</a> |
|    | <b>Nr. articol: 770-450/000-002</b><br>Marker card; Plastic; white                                                                   | <a href="http://www.wago.com/770-450/000-002">www.wago.com/770-450/000-002</a> |
|    | <b>Nr. articol: 770-450/000-005</b><br>Marker card; Plastic; white                                                                   | <a href="http://www.wago.com/770-450/000-005">www.wago.com/770-450/000-005</a> |
|  | <b>Nr. articol: 770-450/000-006</b><br>Marker card; Plastic; white                                                                   | <a href="http://www.wago.com/770-450/000-006">www.wago.com/770-450/000-006</a> |
|  | <b>Nr. articol: 770-450/000-012</b><br>Marker card; Plastic; white                                                                   | <a href="http://www.wago.com/770-450/000-012">www.wago.com/770-450/000-012</a> |

## Installation Notes

## Familie de produse

<i>WINSTA</i>® MIDI  
Afișare globală produse din familie.

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