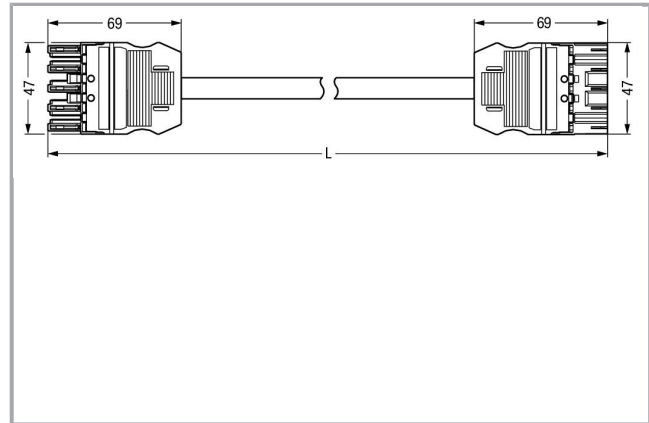
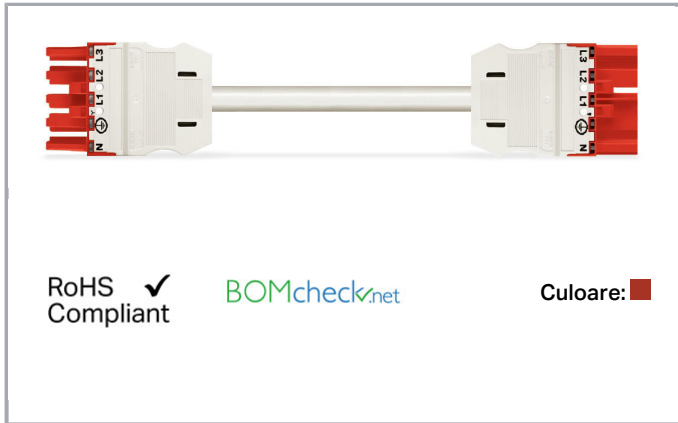


## Fișă tehnică | Număr articol: 771-9975/017-102

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. P;  
H05Z1Z1-F 5G 2.5 mm<sup>2</sup>; 1 m; 2,50 mm<sup>2</sup>; red



[www.wago.com/771-9975/017-102](http://www.wago.com/771-9975/017-102)



### Descriere articol

- Protected against mismatching and maintenance-free

### 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.

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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               | 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.                   | 5                             |
| Total number of potentials | 5                             |
| Ground function            | with preceding ground contact |
| Conductor preparation      | tip-bonded                    |
| Sheathed cable diameter    | 11,2 ... 13,9 mm              |
| Wire cross-section         | 2,5 mm <sup>2</sup>           |
| Connection type            | Socket - Plug                 |

### Geometrical Data

|              |                    |
|--------------|--------------------|
| Pin spacing  | 10 mm / 0.394 inch |
| Total length | 1 m                |

### Mechanical data

|   |  |
|---|--|
| Coding                                  | P  |
| 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                         | Socket - Plug  |
| Type of pre-assembled cable             | Interconnecting cable  |
| Cable type                              | H05Z1Z1-F 5G2.5  |
| Marking                                 | N L1 L2 L3   |

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|                         |   |
|-------------------------|---|
| 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             | Computer applications (UPS)   |

### Plug connection

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

### Material Data

|                                  |  |
|----------------------------------|--|
| Color                            | red                                      |
| 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                        | 29,22 MJ                                 |
| Connector color                  | red                                      |
| Printing color of mating face    | black                                    |
| Strain relief color              | white                                    |
| Printing color of strain relief  | black                                    |
| Sheathed cable color             | white                                    |
| Printing color of sheathed cable | black                                    |
| Halogen-free                     | Yes                                      |
| Weight                           | 268,9 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                  | 4055143500210 |
| Customs tariff number | 85444290900   |

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## Aprobări / certificate

## Country specific Approvals

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

## 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> |

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## Descărcări CAD/CAE-Data

### CAE data

WSCAD Universe 771-9975/017-102

URL

Descărcare

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## Installation Notes

## Familie de produse

*WINSTA*® MIDI

Afișare globală produse din familie.

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