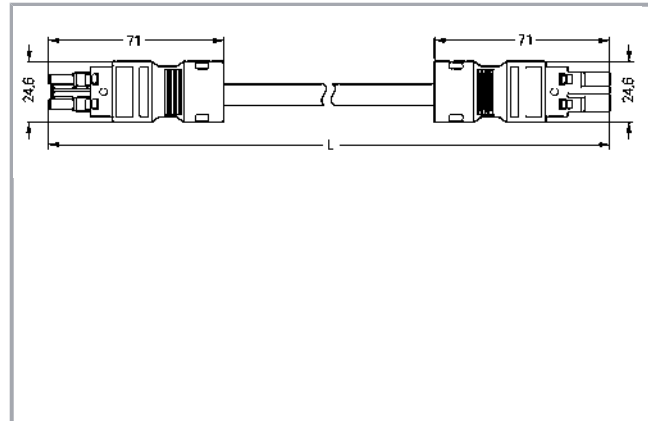
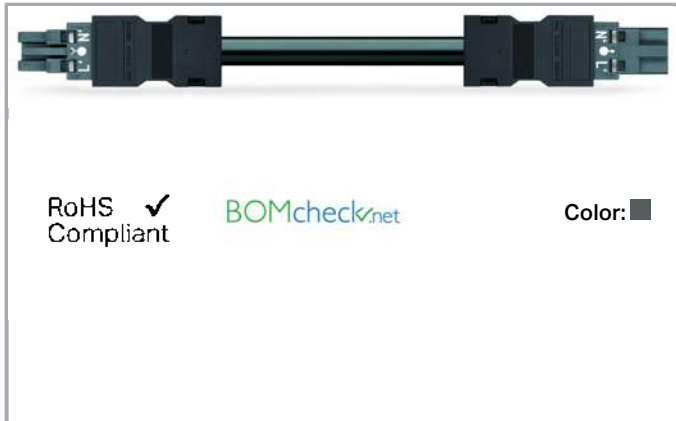


## Data sheet | Item number: 771-8982/017-403

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. L;  
H05Z1Z1-F 2 x 2.5 mm<sup>2</sup>; 4m; 2,50 mm<sup>2</sup>; dark gray



[www.wago.com/771-8982\\_017-403](http://www.wago.com/771-8982_017-403)



### Item description

- 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

### 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:

- 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.

## Data

### Electrical data

Note on Contact Resistance

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

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

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transition plug/socket

### 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                   | 20 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

|                                   |                     |
|-----------------------------------|---------------------|
| No. of poles                      | 2                   |
| Total number of potentials        | 2                   |
| Conductor preparation             | tip-bonded          |
| Cable diameter                    | 8,4 ... 10,6 mm     |
| Cross section of single conductor | 2.5 mm <sup>2</sup> |
| Connection type                   | Socket - Plug       |

### Geometrical Data

|              |                    |
|--------------|--------------------|
| Pin spacing  | 10 mm / 0.394 inch |
| Total length | 4 m                |

### Mechanical data

|   |  |
|---|--|
| Coding                                  | L  |
| 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 cable assembly                  | Interconnecting cable  |
| Type of cable                           | H05Z1Z1-F 2x2.5  |
| Marking                                 | L' N'  |

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



|                          |   |
|--------------------------|---|
| 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        | L' N'   |
| Application              | Emergency power supply  |

### Plug connection

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

### Material Data

|                                     |  |
|-------------------------------------|--|
| Color                               | dark gray                                |
| Insulating material                 | Polyamide 66 (PA 66)                     |
| Reaction to fire class per EN 50575 | E <sub>ca</sub>                          |
| Contact material                    | Copper or copper alloy (surface-treated) |
| Connector color                     | dark gray                                |
| Printing color of mating face       | white                                    |
| Strain relief color                 | black                                    |
| Printing color of strain relief     | white                                    |
| Color of sheathed cable             | black                                    |
| Printing color of sheathed cable    | white                                    |
| Halogen-free                        | Yes                                      |
| Weight                              | 530.7 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               | 4055143480642 |
| Customs Tariff No. | 85444290900   |

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## Approvals / Certificates


### Country specific Approvals

| Logo   | Approval                              | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | EN 61535                 | NTR NL-7355      |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 61535                 | 2179129.01       |





## Counterpart

## Compatible products




### 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 | <a href="http://www.wago.com/210-334">www.wago.com/210-334</a> |
|--|--|--|

### Locking lever

|  |   |  |
|--|---|--|
|  | Item no.: 770-101<br>Locking lever; for flying leads; for manual operation; black | <a href="http://www.wago.com/770-101">www.wago.com/770-101</a> |
|  | Item no.: 770-111<br>Locking lever; for flying leads; for tool operation; black   | <a href="http://www.wago.com/770-111">www.wago.com/770-111</a> |
|  | Item no.: 770-121<br>Locking lever; for flying leads; for manual operation; white | <a href="http://www.wago.com/770-121">www.wago.com/770-121</a> |
|  | Item no.: 770-131<br>Locking lever; for flying leads; for tool operation; white   | <a href="http://www.wago.com/770-131">www.wago.com/770-131</a> |

### protection

|  |   |  |
|--|---|--|
|  | Item no.: 770-201<br>Lockout cap; 12-pole, separable; 12-pole; for sockets; black | <a href="http://www.wago.com/770-201">www.wago.com/770-201</a> |
|  | Item no.: 770-221<br>Lockout cap; for socket; 12-pole; separable; white           | <a href="http://www.wago.com/770-221">www.wago.com/770-221</a> |
|  | Item no.: 770-360<br>Lockout cap; for plugs; 5-pole; separable; yellow            | <a href="http://www.wago.com/770-360">www.wago.com/770-360</a> |

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## Downloads

### Documentation

#### Bid Text

|                                      |              |               |          |
|--------------------------------------|--------------|---------------|----------|
| 771-8982/017-403<br>GAEB X81 - Datei | Feb 19, 2019 | xml<br>3.0 kB | Download |
|--------------------------------------|--------------|---------------|----------|

|                                 |             |                |          |
|---------------------------------|-------------|----------------|----------|
| 771-8982/017-403<br>doc - Datei | Dec 3, 2014 | doc<br>25.6 kB | Download |
|---------------------------------|-------------|----------------|----------|

### CAD/CAE-Data

#### CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 771-8982/017-403 | URL | Download |
|---------------------------------|-----|----------|

## Installation Notes

### Product family

<i>WINSTA</i>® MIDI

[Show all products from the family](#)

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