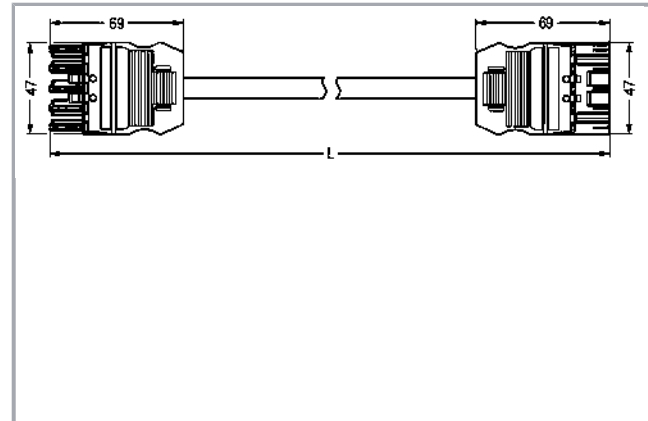


## Data sheet | Item number: 771-9985/006-101

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I;  
H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue



[www.wago.com/771-9985\\_006-101](http://www.wago.com/771-9985_006-101)



### Item description

- 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.

## 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)         | 400 V   |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 16 A  |
| Legend (ratings)                | (III / 3) $\hat{=}$ 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                      | 5                             |
| Total number of potentials        | 5                             |
| Ground function                   | with preceding ground contact |
| Conductor preparation             | tip-bonded                    |
| Cable diameter                    | 9,3 ... 11,6 mm               |
| Cross section of single conductor | 1.5 mm <sup>2</sup>           |
| Connection type                   | Socket - Plug                 |

## Geometrical Data

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

## Mechanical data

|   |  |
|---|--|
| Technologie                             | DALI   |
| Coding                                  | I  |
| 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                           | H05VV-F 5G1.5  |

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



|                          |   |
|--------------------------|---|
| Marking                  | N L DA- DA+   |
| 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        | N L DA- DA+   |
| Application              | Lighting management   |

### Plug connection

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

### Material Data

|                                     |  |
|-------------------------------------|--|
| Color                               | blue                                     |
| 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) |
| Fire load                           | 3.765 MJ                                 |
| Connector color                     | blue                                     |
| 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                                    |
| Sheath material                     | PVC                                      |
| Weight                              | 201.6 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              | 4044918957663 |

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

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Customs Tariff No.










85444290900

## 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

|  |  |  |
|--|--|--|
|    | <b>Item no.770-1105</b><br>Socket; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue   | <a href="http://www.wago.com/770-1105">www.wago.com/770-1105</a>                 |
|   | <b>Item no.770-1105/022-000</b><br>Socket; with strain relief housing; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue       | <a href="http://www.wago.com/770-1105/022-000">www.wago.com/770-1105/022-000</a> |
|  | <b>Item no.770-1115</b><br>Plug; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue   | <a href="http://www.wago.com/770-1115">www.wago.com/770-1115</a>                 |
|  | <b>Item no.770-1115/022-000</b><br>Plug; with strain relief housing; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue         | <a href="http://www.wago.com/770-1115/022-000">www.wago.com/770-1115/022-000</a> |
|  | <b>Item no.770-1947</b><br>5-way distribution connector; 5-pole; Cod. I; 1 input; 5 outputs; blue                        | <a href="http://www.wago.com/770-1947">www.wago.com/770-1947</a>                 |
|  | <b>Item no.770-2105</b><br>Snap-in socket; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue                                   | <a href="http://www.wago.com/770-2105">www.wago.com/770-2105</a>                 |
|  | <b>Item no.770-2115/007-000</b><br>Snap-in plug; with direct ground contact; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue | <a href="http://www.wago.com/770-2115/007-000">www.wago.com/770-2115/007-000</a> |
|  | <b>Item no.770-2115</b><br>Snap-in plug; 5-pole; Cod. I; 4,00 mm <sup>2</sup> ; blue                                     | <a href="http://www.wago.com/770-2115">www.wago.com/770-2115</a>                 |
|  | <b>Item no.770-3105</b><br>Socket for PCBs; straight; 5-pole; Cod. I; blue   | <a href="http://www.wago.com/770-3105">www.wago.com/770-3105</a>                 |

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

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**Item no.770-3105/011-000**  
Socket for PCBs; angled; 5-pole; Cod. I; blue

[www.wago.com/770-3105/011-000](http://www.wago.com/770-3105/011-000)



**Item no.770-3115**  
Plug for PCBs; straight; 5-pole; Cod. I; blue

[www.wago.com/770-3115](http://www.wago.com/770-3115)



**Item no.770-3115/011-000**  
Plug for PCBs; angled; 5-pole; Cod. I; blue

[www.wago.com/770-3115/011-000](http://www.wago.com/770-3115/011-000)



**Item no.770-617**  
T-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; 2 locking levers; blue

[www.wago.com/770-617](http://www.wago.com/770-617)



**Item no.770-618**  
3-way distribution connector; 5-pole; Cod. I; 1 input; 3 outputs; blue

[www.wago.com/770-618](http://www.wago.com/770-618)



**Item no.770-620**  
T-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; 3 locking levers; for flying leads; blue

[www.wago.com/770-620](http://www.wago.com/770-620)



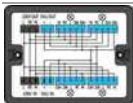
**Item no.770-993**  
h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on both sides; 3 locking levers; for flying leads; blue

[www.wago.com/770-993](http://www.wago.com/770-993)



**Item no.770-992**  
h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on both sides; 2 locking levers; blue

[www.wago.com/770-992](http://www.wago.com/770-992)



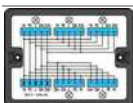
**Item no.899-631/181-000**  
Distribution box; 230 V + DALI; 2 inputs; 6 outputs; Cod. A, I; MINI, MIDI; black

[www.wago.com/899-631/181-000](http://www.wago.com/899-631/181-000)



**Item no.772-272**  
Tap-off module; for flat cable; 5 x 2.5 mm<sup>2</sup> + 2 x 1.5 mm<sup>2</sup>; 5-pole; Cod. I; with cable connection on the output side; blue

[www.wago.com/772-272](http://www.wago.com/772-272)



**Item no.899-631/313-000**  
Distribution box; DALI; 1 input; 5 outputs; Cod. I; MIDI; black

[www.wago.com/899-631/313-000](http://www.wago.com/899-631/313-000)

## Compatible products

### protection



**Item no.: 770-201**  
Lockout cap; 12-pole, separable; 12-pole; for sockets; black

[www.wago.com/770-201](http://www.wago.com/770-201)

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



**Item no.: 770-221**  
Lockout cap; for socket; 12-pole; separable; white

[www.wago.com/770-221](http://www.wago.com/770-221)



**Item no.: 770-360**  
Lockout cap; for plugs; 5-pole; separable; yellow

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

#### Locking lever



**Item no.: 770-101**  
Locking lever; for flying leads; for manual operation; black

[www.wago.com/770-101](http://www.wago.com/770-101)



**Item no.: 770-111**  
Locking lever; for flying leads; for tool operation; black

[www.wago.com/770-111](http://www.wago.com/770-111)



**Item no.: 770-121**  
Locking lever; for flying leads; for manual operation; white

[www.wago.com/770-121](http://www.wago.com/770-121)



**Item no.: 770-131**  
Locking lever; for flying leads; for tool operation; white

[www.wago.com/770-131](http://www.wago.com/770-131)

#### Marking accessories

**Item no.: 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)



**Item no.: 770-450**  
Marker card; Plastic; white

[www.wago.com/770-450](http://www.wago.com/770-450)



**Item no.: 770-450/000-001**  
Marker card; Plastic; white

[www.wago.com/770-450/000-001](http://www.wago.com/770-450/000-001)



**Item no.: 770-450/000-002**  
Marker card; Plastic; white

[www.wago.com/770-450/000-002](http://www.wago.com/770-450/000-002)



**Item no.: 770-450/000-005**  
Marker card; Plastic; white

[www.wago.com/770-450/000-005](http://www.wago.com/770-450/000-005)



**Item no.: 770-450/000-006**  
Marker card; Plastic; white

[www.wago.com/770-450/000-006](http://www.wago.com/770-450/000-006)



**Item no.: 770-450/000-012**  
Marker card; Plastic; white

[www.wago.com/770-450/000-012](http://www.wago.com/770-450/000-012)

## Downloads

### Documentation

#### Bid Text

771-9985/006-101

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



|                                 |              |                |          |
|---------------------------------|--------------|----------------|----------|
| X81 - Datei                     | Feb 19, 2019 | xml<br>3.0 kB  | Download |
| 771-9985/006-101<br>doc - Datei | Dec 10, 2014 | doc<br>26.1 kB | Download |

## CAD/CAE-Data

### CAD data

|                               |     |          |
|-------------------------------|-----|----------|
| 2D/3D Models 771-9985/006-101 | URL | Download |
|-------------------------------|-----|----------|

### CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 771-9985/006-101 | URL | Download |
|---------------------------------|-----|----------|

## Installation Notes

## Product family

*WINSTA*® MIDI

[Show all products from the family](#)

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