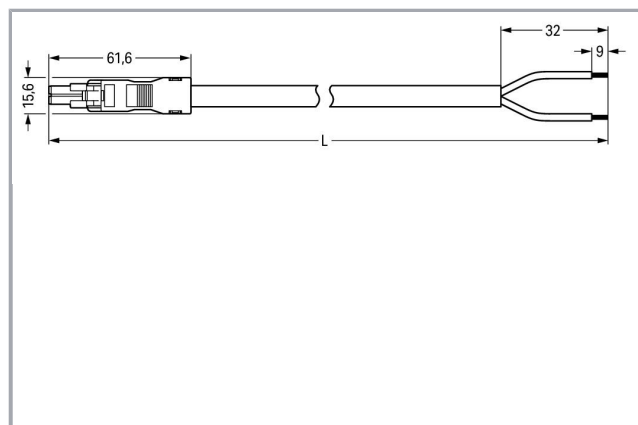
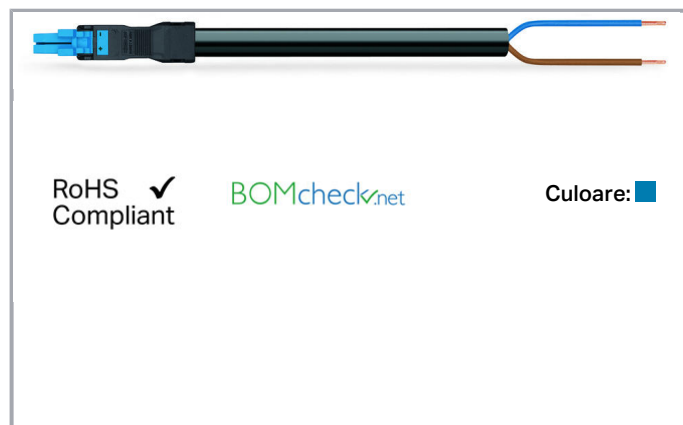


## Fișă tehnică | Număr articol: 891-8982/116-801

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I;  
H05Z1Z1-F 2 x 1,50 mm<sup>2</sup>; 8 m; 1,50 mm<sup>2</sup>; blue

[www.wago.com/891-8982/116-801](http://www.wago.com/891-8982/116-801)



### Descriere articol

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing

### 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 5 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  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: [info-RO@wago.com](mailto:info-RO@wago.com)

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## 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               | 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 | 14 A  |

## Connection data

|                                 |                     |
|---------------------------------|---------------------|
| Pole No.                        | 2                   |
| Total number of potentials      | 2                   |
| Conductor preparation           | tip-bonded          |
| Sheathed cable diameter         | 6,8 ... 8,6 mm      |
| Wire cross-section              | 1,5 mm <sup>2</sup> |
| Strip length (outer insulation) | 32 mm               |
| Connection type                 | Socket - Free end   |

## Geometrical Data

|              |                     |
|--------------|---------------------|
| Pin spacing  | 4,4 mm / 0.173 inch |
| Total length | 8 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<br>100, with resistive load $I_N = 16$ A, tested (1.5mm <sup>2</sup> /AWG 16) |
| Connection type                         | Socket - Free end                                                                                         |

Supus modificărilor.



| Type of pre-assembled cable | Connecting cable    |
|-----------------------------|---------------------|
| Cable type                  | H05Z1Z1-F 2x1.5     |
| Marking                     | + -                 |
| Protection type             | IP40                |
| Potential marking           | + -                 |
| Application                 | Lighting management |

### Plug connection

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

### Material Data

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Color                            | blue                                     |
| 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                        | 14,027 MJ                                |
| Connector color                  | blue                                     |
| Printing color of mating face    | black                                    |
| Strain relief color              | black                                    |
| Printing color of strain relief  | white                                    |
| Sheathed cable color             | black                                    |
| Printing color of sheathed cable | white                                    |
| Halogen-free                     | Yes                                      |
| Weight                           | 700,1 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 | PL         |

Supus modificărilor.

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

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



|                       |               |
|-----------------------|---------------|
| GTIN                  | 4055143391733 |
| Customs tariff number | 85444290900   |

## Counterpart

## Descărcări CAD/CAE-Data

### CAE data

|                                 |     |            |
|---------------------------------|-----|------------|
| WSCAD Universe 891-8982/116-801 | URL | Descărcare |
|---------------------------------|-----|------------|

## Installation Notes

## Familie de produse

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

Supus modificărilor.

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

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.