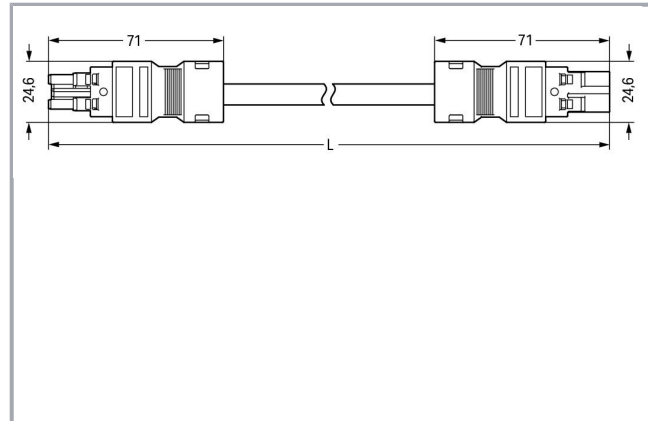
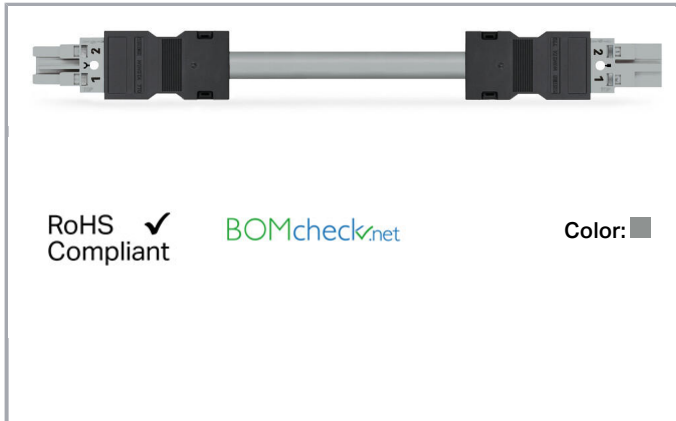


## Data sheet | Item number: 771-8292/016-303

pre-assembled interconnecting cable; B2ca; Socket/plug; 2-pole; Cod. B;  
H05Z1Z1-F 2 x 1,50 mm<sup>2</sup>; 3 m; 1,50 mm<sup>2</sup>; gray



[www.wago.com/771-8292/016-303](http://www.wago.com/771-8292/016-303)



### 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
- Components can be clearly printed on and color-coded to meet custom requirements

### 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:

- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) 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.

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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Data

### Electrical data

Note on Contact Resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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### 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	16 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	6,8 ... 8,6 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	3 m

### Mechanical data

Coding	B
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 <sub>N</sub> = 25 A), tested

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	(4 mm <sup>2</sup> )
Connection type	Socket - Plug
Type of cable assembly	Interconnecting cable
Type of cable	H05Z1Z1-F 2x1.5
Marking	1 2
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	1 2

### Plug connection

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

### Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	B2 <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Connector color	gray
Printing color of mating face	black
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	gray
Printing color of sheathed cable	black
Halogen-free	Yes
Weight	262.8 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) Insulating parts for temperatures ≤ 105 °C

### Commercial data

Packaging type	not packed
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Subject to changes. Please also observe the further product documentation!



Country of origin	DE
GTIN	4055143760539
Customs Tariff No.	85444290900

## Counterpart

## Installation Notes

## Product family

*WINSTA*® MIDI special  
[Show all products from the family](#)

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