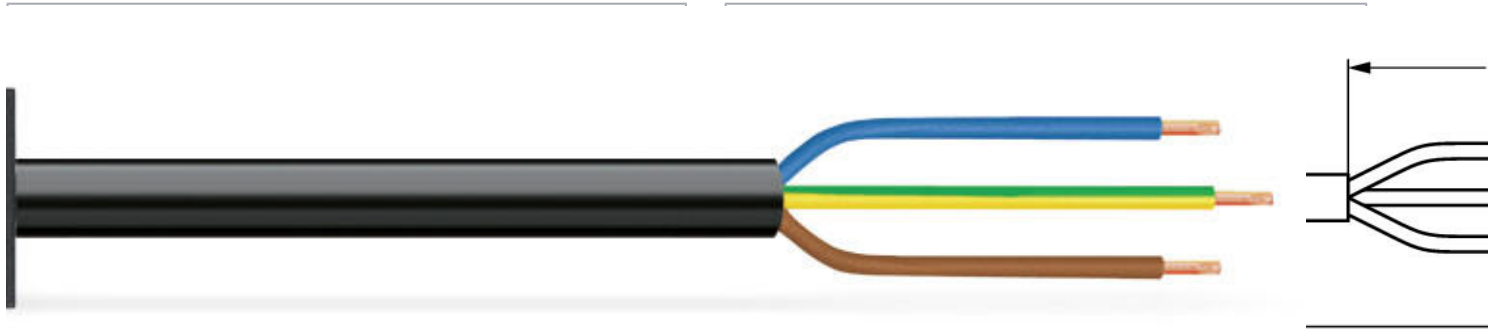


## Data sheet | Item number: 771-6993/116-102

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A;  
H05Z1Z1-F 3G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; white

[www.wago.com/771-6993\\_116-102](http://www.wago.com/771-6993_116-102)



 Picture differs from the item.

RoHS   
Compliant



Color: 

### 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 connections per pole for loops or bridges
- Additional variable coding is possible.

### Note:

Cables with a different fire class can be found in the eShop.

### 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

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) ≙ Overvoltage category III / Pollution degree 3

## Ratings per UL

Hinweis für den amerikanischen Markt

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.

## Connection data

Strip length	9 mm / 0.35 inch
Pole No.	3
Total number of potentials	3
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm <sup>2</sup>
Strip length (outer insulation)	55 mm
Connection type	Socket - Free end

## Physical data

Pin spacing	10 mm / 0.394 inch
Total length	1 m

## Mechanical data

Application	General mains applications
Coding	A
Marking	L N
Potential marking	L N
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

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



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
Connection type	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G1.5
Protection type	IP 2xD
Note on protection type	When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

### Plug-in connection

Mismating protection	Yes
Note on mismating protection	All WINSTA <sup>®</sup> components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Locking lever	Can be retrofitted
Locking of plug-in connection	locking lever

### Material data

Color	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Connector color	white
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
Sheath material	Halogenfrei
Weight	114 g
Copper weight of the cable	0.043 kg/m

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C

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Note on continuous operating temperature



PVC cable for temperatures ≤ 70 °C (including halogen-free)  
Insulating parts for temperatures ≤ 105 °C

## Commercial data

PU (SPU)	1 Stück
Packaging type	not packed
Country of origin	DE
GTIN	4055143488266
Customs tariff number	85444290900





## Approvals / Certificates

### Country specific Approvals

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

## Required accessories

### Locking lever

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

## Compatible products

### Marking accessories

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



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)

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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)



Item no.: 770-221

Lockout cap; for socket; 12-pole; separable; white

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

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## Downloads

### Documentation

#### Bid Text

771-6993/116-102 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
771-6993/116-102 doc - Datei	2015 Jan 14	doc 26.6 kB	Download

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### CAD/CAE-Data

#### CAE data

WSCAD Universe 771-6993/116-102	URL	Download
WSCAD Universe 771-6993/116-102	URL	Download

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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 771-6993/116-102 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05Z1Z1-F 3G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; white	URL	Download
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### Installation Notes

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## Product family

*WINSTA*® MIDI

[Show all products from the family](#)

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