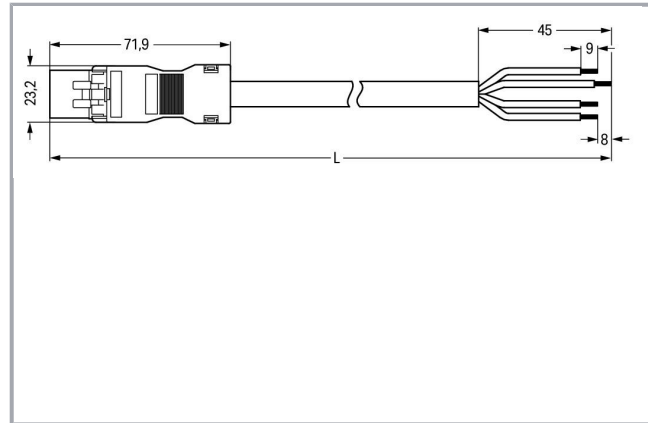
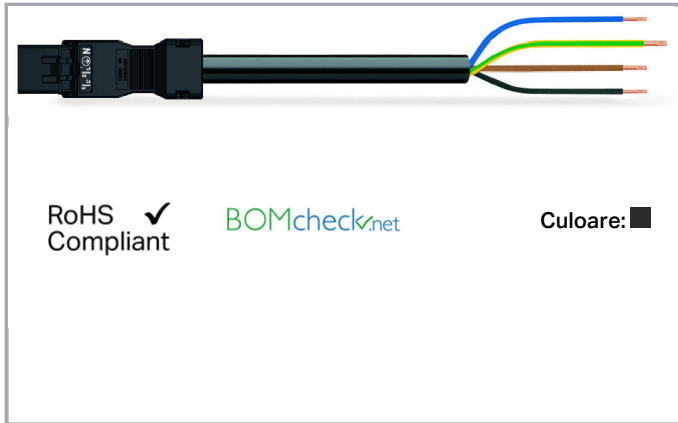


## Fișă tehnică | Număr articol: 891-8994/216-101

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A;  
H05Z1Z1-F 4G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black



[www.wago.com/891-8994/216-101](http://www.wago.com/891-8994/216-101)



### 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

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)	400 V
Rated surge voltage (III/3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Approvals per UL 1977

Rated voltage UL 1977	600 V
Rated current UL 1977	12 A

### Connection data

Strip length	9 mm / 0.35 inch
Pole No.	4
Total number of potentials	4
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Sheathed cable diameter	8,4 ... 10,5 mm
Wire cross-section	1,5 mm <sup>2</sup>
Strip length (outer insulation)	45 mm
Connection type	Plug - Free end

### Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	1 m

### Mechanical data

Coding	A
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 $I_N = 16$ A, tested (1.5mm <sup>2</sup> /AWG 16)

Supus modificărilor.



Connection type	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 4G1.5
Marking	N 2/L 1/L'
Protection type	IP20
Note on protection type	IP40 when mated
Potential marking	N 2/L 1/L'
Application	General mains applications

### Plug connection

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

### Material Data

Color	black
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	2,05 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Weight	128,4 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) Insulating parts for temperatures ≤ 105 °C

Supus modificărilor.

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## Commercial data

Packaging type	not packed
Country of origin	PL
GTIN	4055143405140
Customs tariff number	85444290900

## Aprobări / certificate

### Country specific Approvals

Embleă	Aprobare	Text de aprobare suplimentar	Nume certificat
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.02

## Counterpart

## Descărcări

### CAD/CAE-Data

#### CAE data

WSCAD Universe 891-8994/216-101	URL	Descărcare
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## Installation Notes

## Familie de produse

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

Supus modificărilor.

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