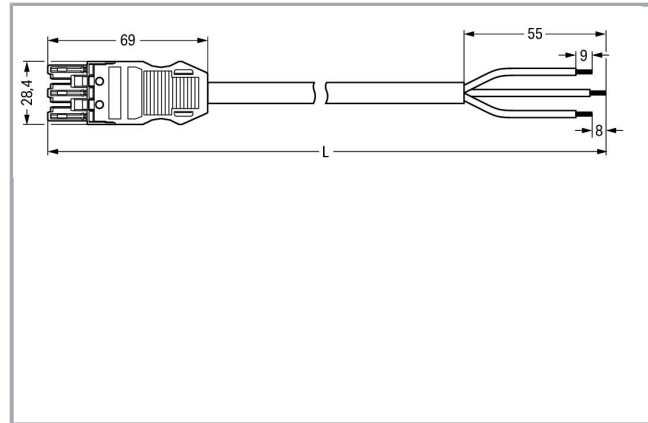
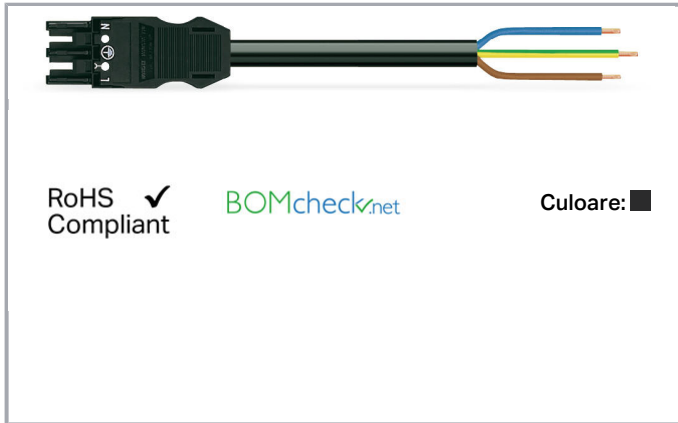


## Fișă tehnică | Număr articol: 771-9993/117-401

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A;  
H05Z1Z1-F 3G 2.5 mm<sup>2</sup>; 4m; 2,50 mm<sup>2</sup>; black



[www.wago.com/771-9993/117-401](http://www.wago.com/771-9993/117-401)



### Descriere articol

- Protected against mismatching and maintenance-free
- Additional variable coding is possible

### 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.

### 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)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	20 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	23 A

**Connection data**

Pole No.	3
Total number of potentials	3
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Sheathed cable diameter	9,2 ... 11,4 mm
Wire cross-section	2,5 mm <sup>2</sup>
Strip length (outer insulation)	55 mm
Connection type	Socket - Free end

**Geometrical Data**

Pin spacing	10 mm / 0.394 inch
Total length	4 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 <sub>N</sub> = 25 A), tested (4 mm <sup>2</sup> )
Connection type	Socket - Free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G2.5
Marking	L N

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Protection type	IP20
Note on protection type	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	L N
Application	General mains applications

### Plug connection

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

### 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	9,371 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	601,4 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

### Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4044918586467
Customs tariff number	85444290900



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## Aprobări / certificate



## Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.01





## Counterpart

## Produse compatibile

## protection

	Nr. articol: 770-201 Lockout cap; 12-pole, separable; 12-pole; for sockets; black	<a href="http://www.wago.com/770-201">www.wago.com/770-201</a>
	Nr. articol: 770-221 Lockout cap; for socket; 12-pole; separable; white	<a href="http://www.wago.com/770-221">www.wago.com/770-221</a>

## Marking accessories

	Nr. articol: 210-334 Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white	<a href="http://www.wago.com/210-334">www.wago.com/210-334</a>
	Nr. articol: 770-450 Marker card; Plastic; white	<a href="http://www.wago.com/770-450">www.wago.com/770-450</a>
	Nr. articol: 770-450/000-001 Marker card; Plastic; white	<a href="http://www.wago.com/770-450/000-001">www.wago.com/770-450/000-001</a>
	Nr. articol: 770-450/000-002 Marker card; Plastic; white	<a href="http://www.wago.com/770-450/000-002">www.wago.com/770-450/000-002</a>
	Nr. articol: 770-450/000-005 Marker card; Plastic; white	<a href="http://www.wago.com/770-450/000-005">www.wago.com/770-450/000-005</a>

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Nr. articol: 770-450/000-006  
Marker card; Plastic; white

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



Nr. articol: 770-450/000-012  
Marker card; Plastic; white

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

## Descărcări

### CAD/CAE-Data

#### CAD data

2D/3D Models 771-9993/117-401

[URL](#)

[Descărcare](#)

#### CAE data

WSCAD Universe 771-9993/117-401

[URL](#)

[Descărcare](#)

## Installation Notes

## Familie de produse

<i>WINSTA</i>® MIDI

Afișare globală produse din familie.

Supus modificărilor.