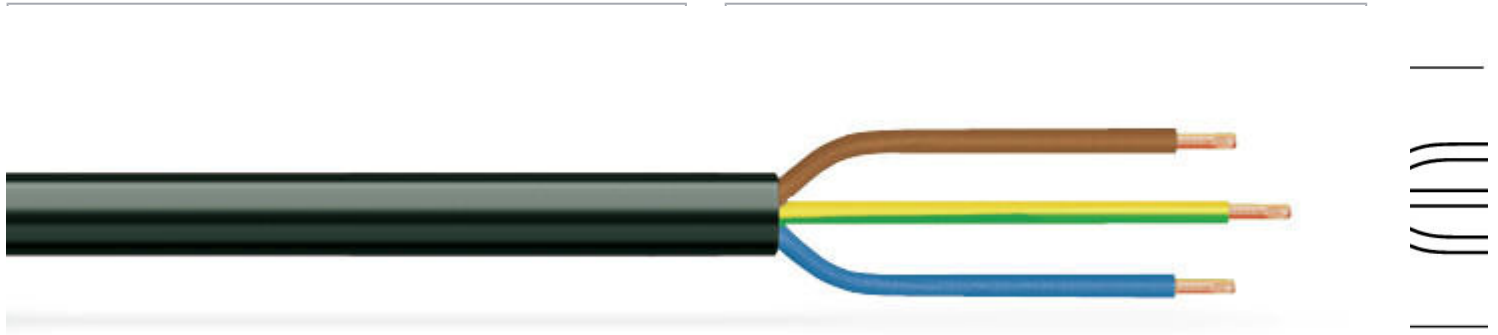


## Data sheet | Item number: 771-9973/217-201

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. P;  
H05Z1Z1-F 3G 2.5 mm<sup>2</sup>; 2 m; 2,50 mm<sup>2</sup>; red

[www.wago.com/771-9973\\_217-201](http://www.wago.com/771-9973_217-201)



RoHS  Compliant  Color: ■

### Item description

- Protected against mismatching and maintenance-free

### 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

#### 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	20 A

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.

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

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	Plug - Free end

## Physical data

Pin spacing	10 mm / 0.394 inch
Total length	2 m

## Mechanical data

Application	EDV (UPS)
Coding	P
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
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	Plug - Free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G2.5
Protection type	IP20
Note on protection type	When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

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

## 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	red
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Fire load	4.832 MJ
Connector color	red
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
Sheath material	Halogenfrei
Weight	305 g
Copper weight of the cable	0.072 kg/m

## 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



PU (SPU)	1 Stück
Packaging type	not packed
Country of origin	DE

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

GTIN	4045454402549
Customs tariff number	85444290900





## Approvals / Certificates

### Country specific Approvals

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

	<b>Item no.: 210-334</b> 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>
	<b>Item no.: 770-450</b> Marker card; Plastic; white	<a href="http://www.wago.com/770-450">www.wago.com/770-450</a>
	<b>Item no.: 770-450/000-001</b> Marker card; Plastic; green	<a href="http://www.wago.com/770-450/000-001">www.wago.com/770-450/000-001</a>

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



	<b>Item no.: 770-450/000-002</b> Marker card; Plastic; yellow	<a href="http://www.wago.com/770-450/000-002">www.wago.com/770-450/000-002</a>
	<b>Item no.: 770-450/000-005</b> Marker card; Plastic; red	<a href="http://www.wago.com/770-450/000-005">www.wago.com/770-450/000-005</a>
	<b>Item no.: 770-450/000-006</b> Marker card; Plastic; blue	<a href="http://www.wago.com/770-450/000-006">www.wago.com/770-450/000-006</a>
	<b>Item no.: 770-450/000-012</b> Marker card; Plastic; orange	<a href="http://www.wago.com/770-450/000-012">www.wago.com/770-450/000-012</a>
<b>protection</b>		
	<b>Item no.: 770-360</b> Lockout cap; for plugs; 5-pole; separable; yellow	<a href="http://www.wago.com/770-360">www.wago.com/770-360</a>

## Downloads

### Documentation

#### Bid Text

771-9973/217-201 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
771-9973/217-201 doc - Datei	2014 Dec 5	doc 26.6 kB	Download

## CAD/CAE-Data

### CAE data

WSCAD Universe 771-9973/217-201	URL	Download
WSCAD Universe 771-9973/217-201	URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 771-9973/217-201	URL	Download
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Subject to changes. Please also observe the further product documentation!

Data sheet | Item number: 771-9973/217-201

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3G 2.5 mm<sup>2</sup>; 2 m; 2,50 mm<sup>2</sup>; red

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## Installation Notes

## Product family

*WINSTA*<sup>®</sup> MIDI

[Show all products from the family](#)

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