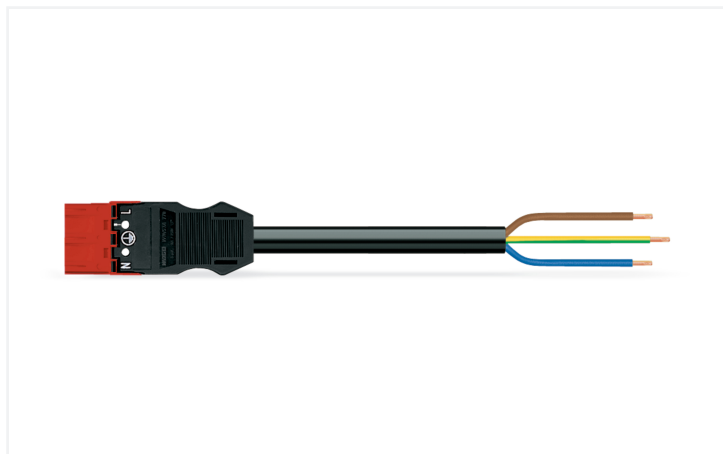


## Data Sheet | Item Number: 771-9973/207-301

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. P; H05VV-F  
3G 2.5 mm<sup>2</sup>; 3 m; 2,50 mm<sup>2</sup>; red

<https://www.wago.com/771-9973/207-301>



Color: ■ red



Dimensions in mm

Cable assembly *WINSTA*® MIDI rated current 20 A

The *WINSTA*® MIDI cable assembly rated current 20 A supports rapid, correct installation. WAGO pluggable installation connectors can be used when specifications repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). UPS applications in information technology (IT) frequently use the red *WINSTA*® MIDI pluggable installation connectors with P coding. This pluggable installation connector can be used for a voltage load of up to 20 A. Therefore, it can also be used for high power loads. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, flexible, and secure electrical installation. This product meets all the relevant safety requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. *WINSTA*® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with protection type IP20 from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismatching
- pre-assembled versions
- with P coding for uninterruptible power supply
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

### Notes

Note

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

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	20 A	-	-

## General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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## Connection Data

Total number of potentials	3
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Strip length	9 mm / 0.35 inches
Pole number	3
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 inches
Width	27 mm / 1.063 inches
Height	12.9 mm / 0.508 inches
Total length	3 m

## Mechanical data

Use	EDV (UPS)
Coding	P
Variable coding	No
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	H05VV-F 3G2.5
Protection type	IP20; 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 <i>WINSTA</i> ® 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
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	red
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	89.742 MJ
Connector color	red
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	484.7 g
Copper weight of the raw cable	0.072 kg/m

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

### Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454389635
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7972	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 771-9973/207-301	<a href="#">↓</a>

**Documentation**

Bid Text			
771-9973/207-301	19.02.2019	xml 2.98 KB	<a href="#">↓</a>
771-9973/207-301	05.12.2014	doc 26.50 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAE data	
WSCAD Universe 771-9973/207-301	<a href="#">↓</a>

**1 Compatible Products**

**1.2 Optional Accessories**

**1.2.3 Marking**

**1.2.3.1 Marker**

<a href="#">Item No.: 770-450/000-006</a> Marker card; Plastic; blue	<a href="#">Item No.: 770-450/000-001</a> Marker card; Plastic; green	<a href="#">Item No.: 770-450/000-012</a> Marker card; Plastic; orange	<a href="#">Item No.: 770-450/000-005</a> Marker card; Plastic; red
<a href="#">Item No.: 770-450</a> Marker card; Plastic; white	<a href="#">Item No.: 770-450/000-002</a> Marker card; Plastic; yellow		

### 1.2.3.2 Marking strip



**Item No.: 210-334**

Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white