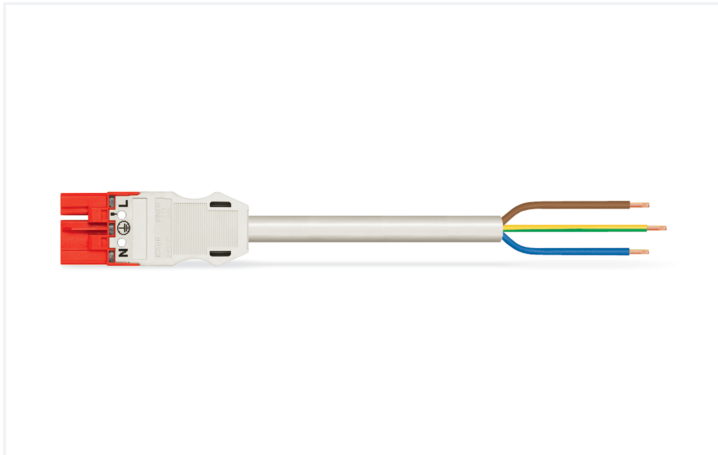


Data Sheet | Item Number: 771-9973/207-602

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. P; H05VV-F
3G 2.5 mm²; 6 m; 2,50 mm²; red

<https://www.wago.com/771-9973/207-602>



Color: ■ red



Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismatching

The WINSTA® MIDI cable assembly P coding provides the foundation for assembly of solid and fine-stranded conductors. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow fast, efficient, error-free installation in a large number of possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with electrified elements. UPS applications in information technology (IT) often use the red WINSTA® MIDI pluggable installation connectors with P coding. This pluggable installation connector is used for electrical currents up to 20 A. Thus the product is ideally suitable for high power loads. The WINSTA® MIDI product line allows total flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers customization and flexibility for meeting various installation requirements. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

A plug and a free end are provided. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also reduce installation costs without compromising quality and safety: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- pre-assembled versions
- with P coding for use in implementing an uninterruptible power supply
- custom-engineered solutions
- rapid, structured electrical installation

Notes

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

Electrical data

Ratings per	IEC/EN 60664-1			General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2		
Nominal voltage	250 V	-	-		
Rated impulse withstand voltage	4 kV	-	-		
Rated current	20 A	-	-		

Connection Data

Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Strip length	9 mm / 0.35 inches
Conductor preparation	ultrasonically tip-bonded	Pole number	3
		Wire cross-section	2.5 mm ²
		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	6 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 WINSTA® 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)	Information on material specifications can be found here
Color	red
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	179.745 MJ
Connector color	red
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	960.9 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	4055143484817
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 771-9973/207-602	↓

Documentation

Bid Text			
771-9973/207-602	19.02.2019	xml 2.98 KB	↓
771-9973/207-602	05.12.2014	doc 26.50 KB	↓

CAD/CAE-Data

CAE data	
WSCAD Universe 771-9973/207-602	↓

1 Compatible Products

1.2 Optional Accessories

1.2.3 Marking

1.2.3.1 Marker



[Item No.: 770-450/000-006](#)

Marker card; Plastic; blue

[Item No.: 770-450/000-001](#)

Marker card; Plastic; green

[Item No.: 770-450/000-012](#)

Marker card; Plastic; orange

[Item No.: 770-450/000-005](#)

Marker card; Plastic; red



[Item No.: 770-450](#)

Marker card; Plastic; white

[Item No.: 770-450/000-002](#)

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