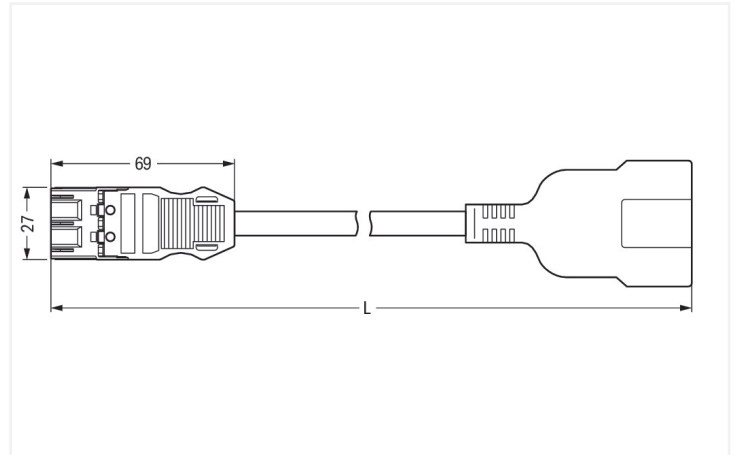


Data Sheet | Item Number: 771-9993/406-201

pre-assembled adapter cable; Eca; Plug/SCHUKO coupler; 3-pole; Cod. A; H05VV-F
3G 1.5 mm²; 2 m; 1,50 mm²; black

<https://www.wago.com/771-9993/406-201>



Color: ■ black

Dimensions in mm

Cable assembly *WINSTA*® MIDI with protection type IP20

The *WINSTA*® MIDI cable assembly A coding is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in next to no time. The coding options reduce installation errors, allowing fast, secure 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!)). Thanks to the color coding and mechanical A coding of *WINSTA*® MIDI pluggable installation connectors, you can clearly distinguish different circuits. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the included test slot, connections can be checked even when they are plugged in. This saves time, labor, and money. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings, too. 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 SCHUKO socket are available. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also lower installation expenses without compromising quality and safety: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- pre-assembled versions
- with A coding for a great number of uses
- ready for immediate use
- 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		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	16 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

Connection 1

Pole number	3
Wire cross-section	1.5 mm ²
Connection type	Plug - SCHUKO socket

Physical data

Pin spacing	10 mm / 0.394 inches
Width	54 mm / 2.126 inches
Height	54 mm / 2.126 inches
Total length	2 m

Mechanical data

Use	General mains applications
Coding	A
Variable coding	Yes
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 - SCHUKO socket
Type of pre-assembled cable	Adapter cable
Cable type	H05VV-F 3G1.5
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	black
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	30.327 MJ
Connector color	black
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	325 g
Copper weight of the raw cable	0.043 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

Product Group	20 (Winsta)
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4044918272209
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

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	01c10cac-2927-410d-8dec-b9c2bff4697f
SCIP notification number (Belgium)	43a41bb5-4c35-4fbe-97e3-f4516ed7f2b4
SCIP notification number (Bulgaria)	dee7373e-6a03-451c-95dc-2fccb68b86cd
SCIP notification number (Czech Republic)	5566d851-a4b8-411d-8a13-9ca79209b5b2
SCIP notification number (Denmark)	1dc93de3-9512-4923-9476-2a97f9f351f5
SCIP notification number (Finland)	039adadc-795b-4e2e-8dd5-d4bdb8a6e654
SCIP notification number (France)	0a052081-851a-4e0b-8b2a-302325dc2ae9
SCIP notification number (Germany)	4d0b6358-8454-4c75-83d1-b2401897ddb0

Environmental Product Compliance

SCIP notification number (Hungary)	d3b2d159-e322-40f9-baf7-20f13502e77a
SCIP notification number (Italy)	1eb10ce1-edfb-48e5-b04d-0398e235c323
SCIP notification number (Netherlands)	efccf6f5-cd83-4372-85b3-b6cd93f1b630
SCIP notification number (Poland)	d1fbbefd-58ca-4300-9380-3a166a819b60
SCIP notification number (Romania)	ce46c36d-34b2-48c4-a34b-b4b2c9210a90
SCIP notification number (Sweden)	5df0a4bb-8532-4606-8691-5c6b71216776

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 771-9993/406-201	↓

Documentation

Bid Text			
771-9993/406-201	19.02.2019	xml 2.91 KB	↓
771-9993/406-201	04.12.2014	doc 23.00 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 771-9993/406-201	↓
WSCAD Universe 771-9993/406-201	↓

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

Item No.: 770-101 Locking lever; for flying leads; for manual operation; black	Item No.: 770-121 Locking lever; for flying leads; for manual operation; white	Item No.: 770-111 Locking lever; for flying leads; for tool operation; black	Item No.: 770-131 Locking lever; for flying leads; for tool operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow



Item No.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 770-310

Mounting carrier; 2- to 5-pole; for flying leads; black

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