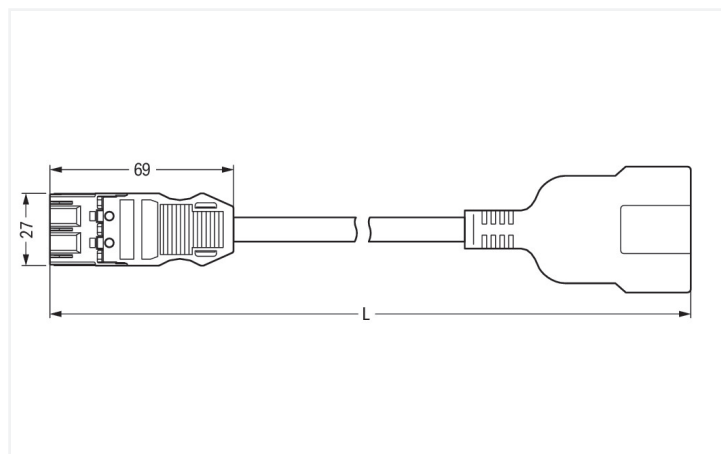


Data Sheet | Item Number: 771-9993/406-202

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

<https://www.wago.com/771-9993/406-202>



Color: ■ white

Similar to illustration

Dimensions in mm

Cable assembly WINSTA® MIDI A coding

The WINSTA® MIDI cable assembly A coding allows installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. 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!)). General mains applications for almost any domain of use can be implemented with WINSTA® MIDI pluggable installation connectors with A coding. 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 and maximally flexible installation. According to the European CPR, the fire class of the cables used in construction is critical for building safety as well. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a SCHUKO socket are provided. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Choose durability and quality – with marking from WAGO makes the installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- pre-assembled versions
- with A coding for a large number of applications
- custom-engineered solutions
- convenient installation and commissioning

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	white
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	30.328 MJ
Connector color	white
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	327.1 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	4044918273237
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
SCIP notification number (Austria)	ca57eaaf-de8e-4f7b-b7ab-353f384ff37a
SCIP notification number (Belgium)	462319d3-ba98-4ed9-957a-8b85a442e775
SCIP notification number (Bulgaria)	46a12343-81ab-4424-a708-151c817e9100
SCIP notification number (Czech Republic)	d183c303-8a4e-4866-8788-79b2dab3f06e
SCIP notification number (Denmark)	41533f1b-8d71-4441-ad58-c3135957744b
SCIP notification number (Finland)	249604c6-93db-48c5-a295-2a6655232dae
SCIP notification number (France)	fce3134d-b58b-48ac-b80d-d442e99faca2
SCIP notification number (Germany)	a7b5e945-6059-4dab-9277-37df94f12041
SCIP notification number (Hungary)	15f20570-f729-4827-a3df-807122139ff5
SCIP notification number (Italy)	e3207ff1-c397-4495-bcf7-48aa59d2d88e
SCIP notification number (Netherlands)	864897d1-a676-4fc3-bcb5-b773d9bcb9f1

Environmental Product Compliance	
SCIP notification number (Poland)	b0dac209-9e91-4b18-b010-50e965a8b32d
SCIP notification number (Romania)	c70c4f08-08aa-43aa-aded-a47fb0ac64e
SCIP notification number (Sweden)	96915e50-4a9c-4740-a41b-1f8640a3b611

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 771-9993/406-202	↓

Documentation

Bid Text			
771-9993/406-202	19.02.2019	xml 2.91 KB	↓
771-9993/406-202	04.12.2014	doc 22.50 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 771-9993/406-202	↓
WSCAD Universe 771-9993/406-202	↓

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

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

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