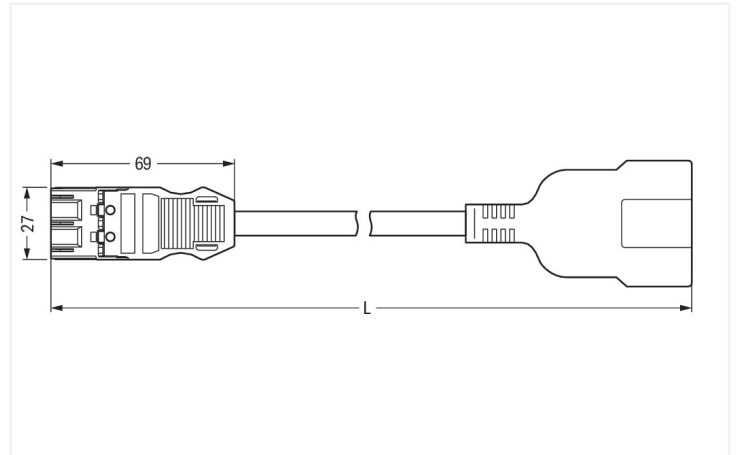


Data Sheet | Item Number: 771-9993/406-301

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

<https://www.wago.com/771-9993/406-301>



Color: ■ black

Dimensions in mm

Cable assembly WINSTA® MIDI rated current 16 A

The WINSTA® MIDI cable assembly with protection against mismatching is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow fast, efficient, error-free installation in numerous applications. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical 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 live contact elements. 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 precise electrification. Due to the integrated test slot, it is possible to check connections even when they are plugged in. That saves time and reduces installation labor and expense. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

A plug and a SCHUKO socket are provided. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- protection against mismatching eliminates errors
- pre-assembled versions
- with A coding for use in many general mains applications
- flexible installation to save space
- 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			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	16 A	-	-		

Connection Data

Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	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	3 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	432.1 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	4044918272216
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)	ae079c5b-cb8f-40d9-9b24-75d573266e2d
SCIP notification number (Belgium)	790fe999-092f-49ee-a538-1b24bc081933
SCIP notification number (Bulgaria)	a963b7a8-0d6e-4372-891e-0e1ea1669fcf
SCIP notification number (Czech Republic)	285f01cc-173e-4da4-969c-662f2cbc3b03
SCIP notification number (Denmark)	0ca6e530-0e83-4711-a300-cb8d8384c0bd
SCIP notification number (Finland)	2b8699e9-a401-4168-94a1-cc484d5f78e6
SCIP notification number (France)	82623eaa-c0cd-4f4a-92cc-d239a49e4973
SCIP notification number (Germany)	71d4cf72-5259-4a3e-8fe9-9e22aa438111

Environmental Product Compliance

SCIP notification number (Hungary)	4146676f-a5b6-4ad0-9b6c-57afcefaa0fa
SCIP notification number (Italy)	2b6f8ac5-c4ce-4a94-8177-37ddd033c41e
SCIP notification number (Netherlands)	67dd9371-31d7-4265-8ebe-10d2476e0ffd
SCIP notification number (Poland)	4b21894c-c46a-46da-aa3f-e4713a214ac2
SCIP notification number (Romania)	acd0981d-97d4-493d-9b0b-04308fe47d21
SCIP notification number (Sweden)	5c58fbe4-4c04-48d2-813e-4864614f4105

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 771-9993/406-301	
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Documentation

Bid Text

771-9993/406-301	19.02.2019	xml 2.91 KB	
771-9993/406-301	04.12.2014	doc 23.00 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 771-9993/406-301	
WSCAD Universe 771-9993/406-301	

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