

Data Sheet | Item Number: 771-9993/406-102

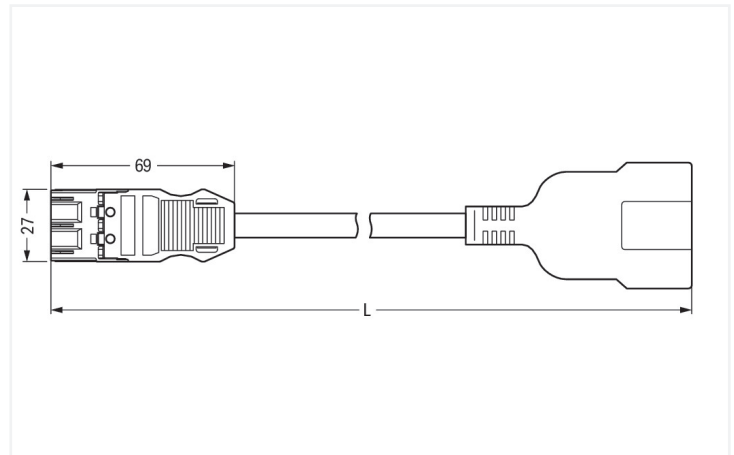
pre-assembled adapter cable; Eca; Plug/SCHUKO coupler; 3-pole; Cod. A; H05VV-F
3G 1.5 mm²; 1 m; 1,50 mm²; white

<https://www.wago.com/771-9993/406-102>



Color: ■ white

Similar to illustration



Dimensions in mm

Cable assembly WINSTA® MIDI 3-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly with protection type IP20. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in no time flat. For greater protection 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!)). This means that users' fingers will never come into contact with live contact elements. Standard 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 used in can be found in a variety of projects you can use for quick, easy, secure, tailored installation. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a SCHUKO socket. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Now you can also cut installation costs without compromising quality and safety: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- for automation controllers
- suitable for any application
- custom-engineered solutions
- fast, secure 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 surge 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

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	1 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 <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)	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

Material data

Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	222.1 g
Copper weight of the pipe	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)
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 8.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4044918273220
Customs tariff number	85444290900

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	9d5c20ba-0504-4f18-9a1d-65ac022b23cf
SCIP notification number (Belgium)	497f6004-07f4-4f2b-bf91-79e6982a5dc2
SCIP notification number (Bulgaria)	f3bd8bd5-89da-4287-8a5f-af95bee19dac
SCIP notification number (Czech Republic)	99f60070-a3df-4256-946c-7aa2e16eb4ad
SCIP notification number (Denmark)	686c7dbe-fb2c-4fc5-82f4-7211fb65ac2f
SCIP notification number (Finland)	43928c08-1bf9-42cc-819a-68f96ed974af
SCIP notification number (France)	03e0652a-bc93-41c7-907a-387e890d53b0
SCIP notification number (Germany)	9a4fee7e-9224-4ec5-ba96-3ec98fcc3537
SCIP notification number (Hungary)	1a21201b-6696-4eea-8d4a-45e3d5496021
SCIP notification number (Italy)	b7fa097f-3f55-4682-82bb-4841329263c7
SCIP notification number (Netherlands)	a78fdad0-acdc-4be7-9756-a11630604c11
SCIP notification number (Poland)	8f7d961d-35a6-46af-8198-74d0f52ceaf4
SCIP notification number (Romania)	aafa22af-0d57-4352-8e2c-8ab8a2ae3569
SCIP notification number (Sweden)	60fbc660-822a-4e44-87e3-16cb30bc0699

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
771-9993/406-102



Documentation

Bid Text

771-9993/406-102	19.02.2019	xml 2.91 KB	
771-9993/406-102	04.12.2014	doc 22.50 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal
771-9993/406-102



WSCAD Universe
771-9993/406-102



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