Data Sheet | Item Number: 771-9993/106-405

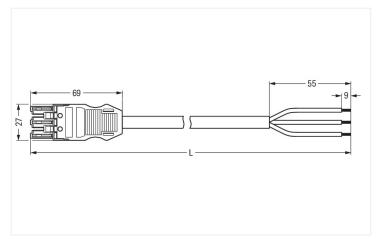
pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; H05VV-

F 3 x 1.5 mm²; 4 m; 1,50 mm²; light green

https://www.wago.com/771-9993/106-405







Color: ■ light green

Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismating

The WINSTA® MIDI cable assembly with protection against mismating provides the foundation for installation of solid and fine-stranded conductors. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a defined pattern, 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 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 electrified contact elements. Pluggable installation connectors with B coding from the WINSTA® MIDI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Usage-specific pole marking is possible as well. Our WINSTA® MIDI product line allows total flexibility for the electrical installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it achieves time-saving, error-free installation and offers flexibility for meeting various installation requirements. According to the European CPR, the fire class of the cables used in construction is essential for building safety as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also reduce installation expenses without compromising quality and safety: The WINSTA® MIDI pluggable installation connector with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- · effective protection against mismating
- pre-assembled versions
- with B coding for use in automation of processes, such as lighting technology, among other examples
- ready for immediate use
- · convenient installation and commissioning

Notes	
Note	Cables with a different fire class can be found in the eShop.
Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.



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	-	-	

Ratings per UL 1977	
Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.

General information	
Note on contact resistance	approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/ socket

Connection data			
Total number of potentials	3	Connection 1	
Conductor preparation ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches	
	Pole number	3	
	Sheathed cable diameter	7.4 9.4 mm	
	Wire cross-section	1.5 mm²	
	Strip length (outer insulation)	55 mm	
		Connection type	Socket - free end

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	27 mm / 1.063 inches	
Total length	4 m	

Control technology
В
Yes
123
123
approx. 20 70 N (depending on pole number)
when locked: > 80N
when unlocked: approx. 20 70 N (depending on pole number)
200, without resistive load
Socket - free end
Connecting cable
Control line 3 x 1.5
IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

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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	light green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E_ca
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.29 MJ
Connector color	light green
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	405.9 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	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143459563
Customs tariff number	85444290900

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Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product
Compliance
771-9993/106-405

Documentation

Text

771-9993/106-405
19.02.2019

xml
3.01 KB

771-9993/106-405
02.06.2015

doc
27.50 KB

CAD/CAE-Data

CAE data

EPLAN Data Portal 771-9993/106-405

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1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 770-101

operation; black

1.1.1.1 Locking system



Locking lever; for flying leads; for manual



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.: 770-201

sockets; Plastic; black



Lockout cap; 12-pole, separable; for

Item No.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white



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

Item No.: 770-450/000-012 Marker card; Plastic; green Marker card; Plastic; orange

Item No.: 770-450/000-005 Marker card; Plastic; red

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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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com

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