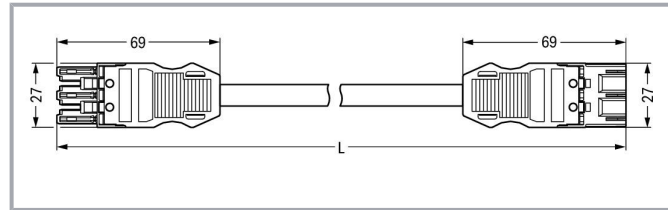
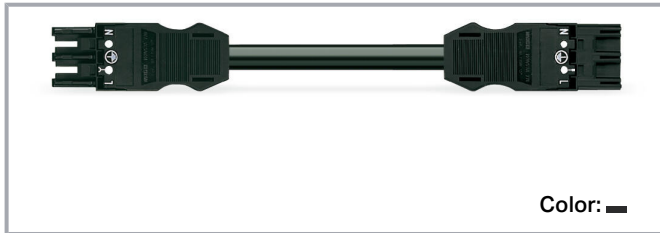


Data sheet | Item number: 771-9993/006-301

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A;
H05VV-F 3G 1.5 mm²; 3 m; 1,50 mm²; black

www.wago.com/771-9993_006-301



Item description

Cable assembly WINSTA® MIDI with strain relief

The WINSTA® MIDI cable assembly with protection type IP20 supports fast, reliable installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in next to no time. The coding options reduce installation errors, allowing fast, maintenance-free 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!)). The WINSTA® MIDI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. 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, secure, tailored electrical installation. According to the European CPR, the fire class of the cables used in construction is critical for building safety, too. For houses with average 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 plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation costs without compromising safety and quality: The WINSTA® MIDI pluggable installation connector with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- for automation controllers
- suitable for any application
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

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

WAGO Private Limited
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Phone: +91-265-6812100 | Email: info.india@wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data Notes

Note
Cables with a different fire class can be found in the eShop.

Electrical data

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

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Ratings per UL

Application note for the US market (USR)
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.

Connection data

Total number of potentials	3
Ground function	preceding ground contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Pole No.	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm ²
Connection type	Socket - Plug

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

Physical data

Pin spacing	10 mm / 0.394 inch
Total length	3 m

Mechanical data

Application	General mains applications
Coding	A
Variable coding	Yes
Marking	L \perp N
Potentialkennzeichnung	L \perp 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	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 3G1.5
Protection class	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

Material data

Note on material data	Information on material data can be found here
Color	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}

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



Contact material	Copper or copper alloy (surface-treated)
Fire load	88.917 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Farbe der Mantelleitung	black
Printing color of sheathed cable	white
Halogen-free	No
Sheath material	PVC
Weight	313 g
Copper weight of the cable	0.043 kg/m

Environmental requirements



Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Product Group	20 (WINSTA)
PU (SPU)	1 Stück
Packaging type	not packed
Country of origin	DE
GTIN	4044918584708
Customs tariff number	85444290900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.01

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

Required accessories

Locking levers

Locking device



Item no.: 770-121

Locking lever; for flying leads; for manual operation; white

www.wago.com/770-121



Item no.: 770-131

Locking lever; for flying leads; for tool operation; white

www.wago.com/770-131



Item no.: 770-101

Locking lever; for flying leads; for manual operation; black

www.wago.com/770-101



Item no.: 770-111

Locking lever; for flying leads; for tool operation; black

www.wago.com/770-111

Optional accessories

Marking accessories

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

www.wago.com/210-334

Marker

Item no.: 770-450/000-002

Marker card; Plastic; yellow

www.wago.com/770-450/000-002

Item no.: 770-450/000-001

Marker card; Plastic; green

www.wago.com/770-450/000-001



Item no.: 770-450/000-005

Marker card; Plastic; red

www.wago.com/770-450/000-005

Item no.: 770-450

Marker card; Plastic; white

www.wago.com/770-450

Item no.: 770-450/000-006

Marker card; Plastic; blue

www.wago.com/770-450/000-006

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



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

www.wago.com/770-450/000-012

Cover

Cover

Item no.: 770-360
Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360



Item no.: 770-201
Lockout cap; 12-pole, separable; 12-pole; for sockets; black

www.wago.com/770-201



Item no.: 770-221
Lockout cap; for socket; 12-pole; separable; white

www.wago.com/770-221

Other



Item no.: 897-2003
Protective cap; Type2; for sockets and plugs; PVC; red

www.wago.com/897-2003

Mounting

Mounting accessories



Item no.: 770-310
Mounting carrier; 2- to 5-pole; for flying leads; black

www.wago.com/770-310

Downloads

Documentation

Bid Text

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CAE data

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CAD data

2D/3D Models 771-9993/006-301

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 771-9993/006-301

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pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G
1.5 mm²; 3 m; 1,50 mm²; black

Installation Notes

Product family

WINSTA® MIDI

[Show all products from the family](#)

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