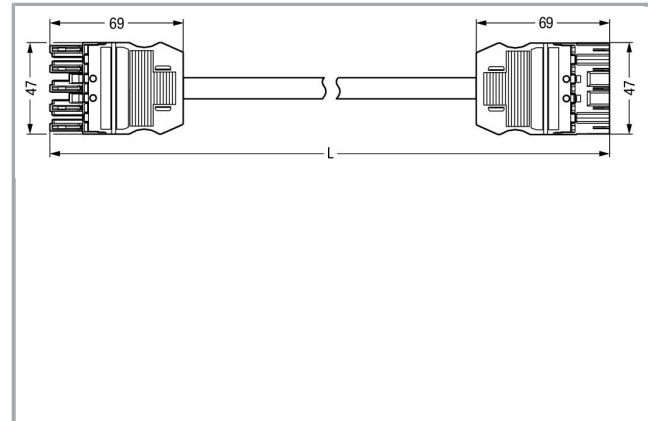
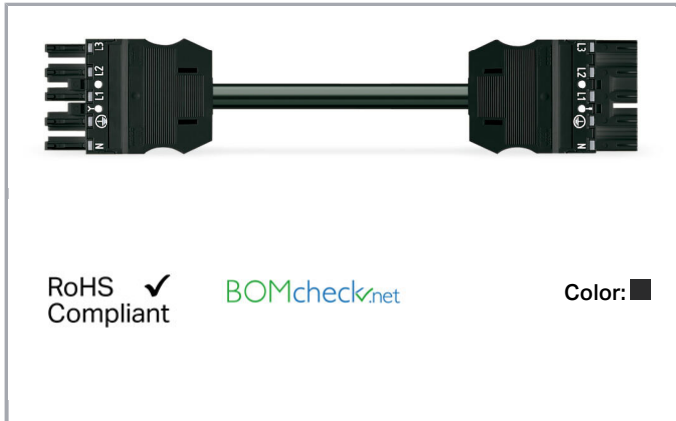


Data sheet | Item number: 771-9995/006-101

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A;
H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; black



www.wago.com/771-9995/006-101



Item description

- Protected against mismatching and maintenance-free
- Additional variable coding is possible

Note:

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

Note on mismatching protection:

All WINSTA[®] components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

Safety information 1:

Application note for the U.S. 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.

Data

Electrical data

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) \triangleq Overvoltage category III / Pollution degree 3

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	23 A

Connection data

No. of poles	5
Total number of potentials	5
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Cable diameter	9,3 ... 11,6 mm
Cross section of single conductor	1.5 mm ²
Connection type	Socket - Plug

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Total length	1 m

Mechanical data

Coding	A
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) 100 (with resistive load $I_N = 25$ A), tested (4 mm ²)
Connection type	Socket - Plug
Type of cable assembly	Interconnecting cable
Type of cable	H05VV-F 5G1.5
Marking	N L1 L2 L3
Protection class	IP20

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



Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	N L1 L2 L3
Application	General mains applications

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	3.799 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	black
Printing color of sheathed cable	white
Sheath material	PVC
Weight	202.6 g

Environmental Requirements

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

Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4044918588416
Customs Tariff No.	85444290900



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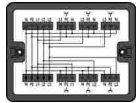
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Approvals / Certificates

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

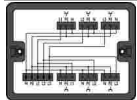
Counterpart



Item no.899-631/100-000

Distribution box; Three-phase to single-phase current (400 V/230 V); 1 input; 7 outputs; Cod. A; MIDI; black

www.wago.com/899-631/100-000



Item no.899-631/105-000

Distribution box; Three-phase to single-phase current (400 V/230 V); 1 input; 6 outputs; Cod. A; MIDI; black

www.wago.com/899-631/105-000



Item no.770-105

Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-105



Item no.770-115

Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-115



Item no.770-205

Socket; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-205



Item no.770-215

Plug; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-215



Item no.770-305

Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-305



Item no.770-315

Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-315



Item no.770-415

Plug; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-415



Item no.770-405

Socket; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-405

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

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Item no. 770-609
3-way distribution connector; 5-pole; Cod. A; 1 input; 3 outputs; black

www.wago.com/770-609



Item no. 770-611
Three-phase to single-phase distribution connector; with phase selection; 5-pole/3-pole; Cod. A; 1 input; 2 outputs; with cable connection on the input side; black

www.wago.com/770-611



Item no. 770-621
T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black

www.wago.com/770-621



Item no. 770-622
T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black

www.wago.com/770-622



Item no. 770-640
Three-phase to single-phase distribution connector; with phase selection; 5-pole/3-pole; Cod. A; 1 input; 5 outputs; black

www.wago.com/770-640



Item no. 770-705
Snap-in socket; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-705



Item no. 770-715/007-000
Snap-in plug; with direct ground contact; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-715/007-000



Item no. 770-715
Snap-in plug; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-715



Item no. 770-705/009-000
Snap-in socket; with protruding mating face; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-705/009-000



Item no. 770-805
Socket for PCBs; straight; 5-pole; Cod. A; black

www.wago.com/770-805

Compatible products

protection



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

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



www.wago.com/770-360

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

Marking accessories

	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
	Item no.: 770-450 Marker card; Plastic; white	www.wago.com/770-450
	Item no.: 770-450/000-001 Marker card; Plastic; white	www.wago.com/770-450/000-001
	Item no.: 770-450/000-002 Marker card; Plastic; white	www.wago.com/770-450/000-002
	Item no.: 770-450/000-005 Marker card; Plastic; white	www.wago.com/770-450/000-005
	Item no.: 770-450/000-006 Marker card; Plastic; white	www.wago.com/770-450/000-006
	Item no.: 770-450/000-012 Marker card; Plastic; white	www.wago.com/770-450/000-012

Locking lever

	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
	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

Downloads

CAD/CAE-Data

CAD data

2D/3D Models 771-9995/006-101	URL	Download
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CAE data

WSCAD Universe 771-9995/006-101	URL	Download
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Subject to changes. Please also observe the further product documentation!



Installation Notes

Product family

WINSTA® MIDI

[Show all products from the family](#)

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