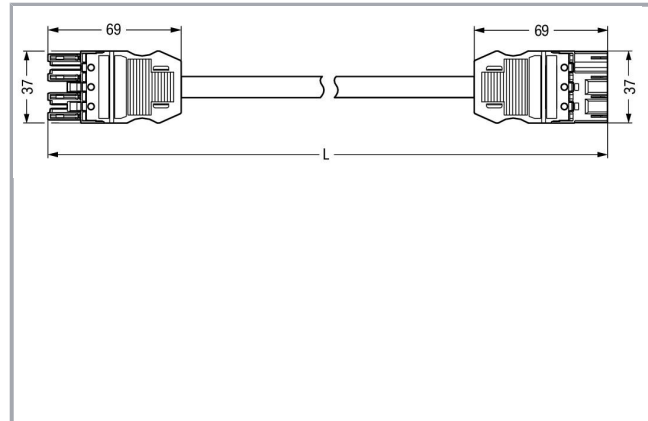
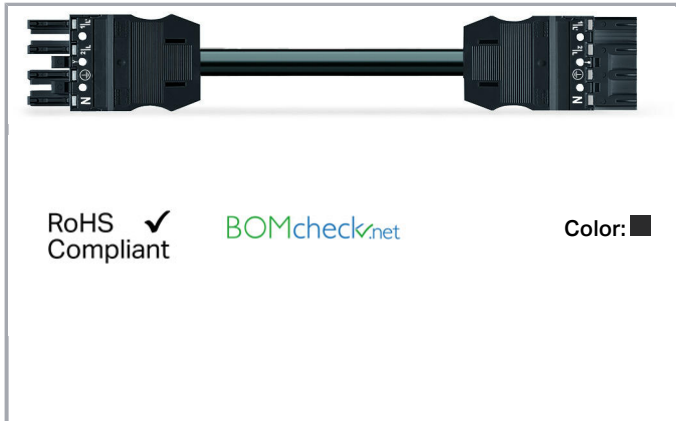


## Data sheet | Item number: 771-9994/006-101

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A;  
H05VV-F 4G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black



[www.wago.com/771-9994/006-101](http://www.wago.com/771-9994/006-101)



### 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<sup>®</sup> 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!

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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) ≙ 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	4
Total number of potentials	4
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Cable diameter	8,4 ... 10,5 mm
Cross section of single conductor	1.5 mm <sup>2</sup>
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 <sup>2</sup> )
Connection type	Socket - Plug
Type of cable assembly	Interconnecting cable
Type of cable	H05VV-F 4G1.5
Marking	N 2/L 1/L'
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 2/L 1/L'
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 <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Fire load	2.971 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	160.6 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	4044918590464
Customs Tariff No.	85444290900



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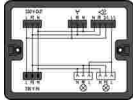
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## Approvals / Certificates

### Country specific Approvals

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

## Counterpart



**Item no.899-631/180-000**  
Distribution box; Motion/presence detector; 1 input; 5 outputs; Cod. A; MIDI; black

[www.wago.com/899-631/180-000](http://www.wago.com/899-631/180-000)



**Item no.770-104**  
Socket; with strain relief housing; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-104](http://www.wago.com/770-104)



**Item no.770-114**  
Plug; with strain relief housing; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-114](http://www.wago.com/770-114)



**Item no.770-204**  
Socket; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-204](http://www.wago.com/770-204)



**Item no.770-214**  
Plug; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-214](http://www.wago.com/770-214)



**Item no.770-626**  
T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black

[www.wago.com/770-626](http://www.wago.com/770-626)



**Item no.770-627**  
T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black

[www.wago.com/770-627](http://www.wago.com/770-627)



**Item no.770-704**  
Snap-in socket; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-704](http://www.wago.com/770-704)



**Item no.770-704/009-000**  
Snap-in socket; with protruding mating face; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-704/009-000](http://www.wago.com/770-704/009-000)



**Item no.770-714**  
Snap-in plug; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-714](http://www.wago.com/770-714)

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



**Item no. 770-714/007-000**  
Snap-in plug; with direct ground contact; 4-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-714/007-000](http://www.wago.com/770-714/007-000)



**Item no. 770-804**  
Socket for PCBs; straight; 4-pole; Cod. A; black

[www.wago.com/770-804](http://www.wago.com/770-804)



**Item no. 770-804/011-000**  
Socket for PCBs; angled; 4-pole; Cod. A; black

[www.wago.com/770-804/011-000](http://www.wago.com/770-804/011-000)



**Item no. 770-814/011-000**  
Plug for PCBs; angled; 4-pole; Cod. A; black

[www.wago.com/770-814/011-000](http://www.wago.com/770-814/011-000)



**Item no. 770-814**  
Plug for PCBs; straight; 4-pole; Cod. A; black

[www.wago.com/770-814](http://www.wago.com/770-814)



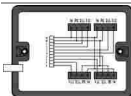
**Item no. 770-944**  
h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black

[www.wago.com/770-944](http://www.wago.com/770-944)



**Item no. 770-945**  
h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black

[www.wago.com/770-945](http://www.wago.com/770-945)



**Item no. 899-631/453-000**  
Distribution box; supply cable entry; 4 outputs; Cod. A; MIDI; black

[www.wago.com/899-631/453-000](http://www.wago.com/899-631/453-000)

## Compatible products

### Locking lever



**Item no.: 770-101**  
Locking lever; for flying leads; for manual operation; black

[www.wago.com/770-101](http://www.wago.com/770-101)

**Item no.: 770-111**  
Locking lever; for flying leads; for tool operation; black

[www.wago.com/770-111](http://www.wago.com/770-111)



**Item no.: 770-121**  
Locking lever; for flying leads; for manual operation; white

[www.wago.com/770-121](http://www.wago.com/770-121)




**Item no.: 770-131**  
Locking lever; for flying leads; for tool operation; white



[www.wago.com/770-131](http://www.wago.com/770-131)

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

**protection**

	<p><b>Item no.: 770-201</b> Lockout cap; 12-pole, separable; 12-pole; for sockets; black</p>	<p><a href="http://www.wago.com/770-201">www.wago.com/770-201</a></p>
	<p><b>Item no.: 770-221</b> Lockout cap; for socket; 12-pole; separable; white</p>	<p><a href="http://www.wago.com/770-221">www.wago.com/770-221</a></p>
	<p><b>Item no.: 770-360</b> Lockout cap; for plugs; 5-pole; separable; yellow</p>	<p><a href="http://www.wago.com/770-360">www.wago.com/770-360</a></p>

**Marking accessories**

	<p><b>Item no.: 210-334</b> Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white</p>	<p><a href="http://www.wago.com/210-334">www.wago.com/210-334</a></p>
	<p><b>Item no.: 770-450</b> Marker card; Plastic; white</p>	<p><a href="http://www.wago.com/770-450">www.wago.com/770-450</a></p>
	<p><b>Item no.: 770-450/000-001</b> Marker card; Plastic; white</p>	<p><a href="http://www.wago.com/770-450/000-001">www.wago.com/770-450/000-001</a></p>
	<p><b>Item no.: 770-450/000-002</b> Marker card; Plastic; white</p>	<p><a href="http://www.wago.com/770-450/000-002">www.wago.com/770-450/000-002</a></p>
	<p><b>Item no.: 770-450/000-005</b> Marker card; Plastic; white</p>	<p><a href="http://www.wago.com/770-450/000-005">www.wago.com/770-450/000-005</a></p>
	<p><b>Item no.: 770-450/000-006</b> Marker card; Plastic; white</p>	<p><a href="http://www.wago.com/770-450/000-006">www.wago.com/770-450/000-006</a></p>
	<p><b>Item no.: 770-450/000-012</b> Marker card; Plastic; white</p>	<p><a href="http://www.wago.com/770-450/000-012">www.wago.com/770-450/000-012</a></p>

**Downloads**

**CAD/CAE-Data**

**CAE data**

WSCAD Universe 771-9994/006-101	URL	Download

**Installation Notes**

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

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## Product family

*WINSTA*® MIDI

[Show all products from the family](#)

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