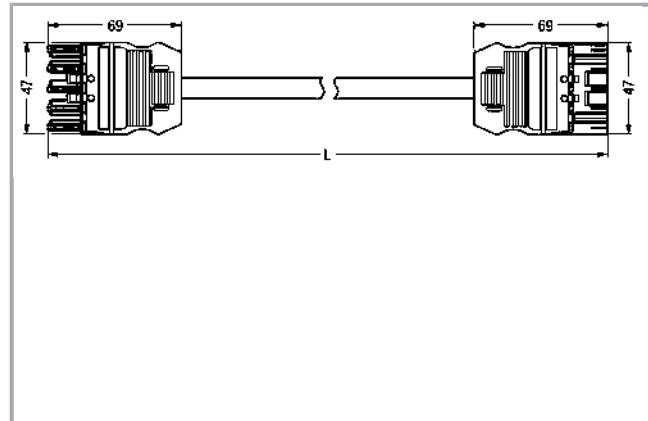
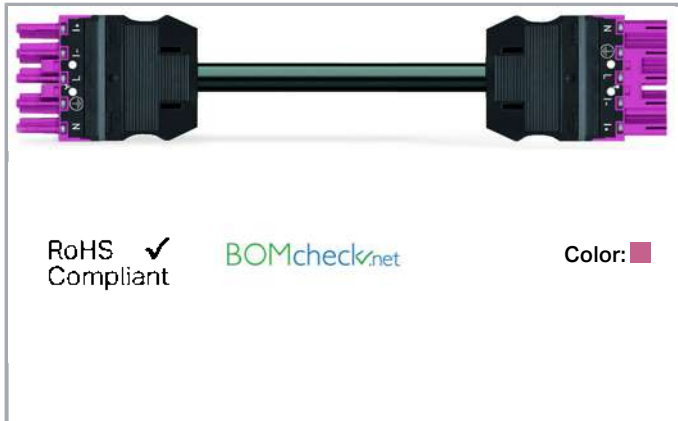


Data sheet | Item number: 771-9935/006-107/080-000

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



www.wago.com/771-9935_006-107_080-000



Item description

- Protected against mismatching and maintenance-free
- Additional variable coding is possible
- Components can be clearly printed on and color-coded to meet custom requirements

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
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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) $\hat{=}$ 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
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

Technologie	SMI
Coding	B
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 L I- I+

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



Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	1 2 3 4 5

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofitable

Material Data

Color	pink
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Connector color	pink
Printing color of mating face	black
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	gray
Printing color of sheathed cable	black
Sheath material	PVC
Weight	203.8 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











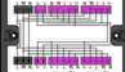
Packaging type	not packed
Country of origin	DE
GTIN	4055143692748
Customs Tariff No.	85444290900

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

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Counterpart

	Item no.770-1643/080-000 T-distribution connector; 5-pole; Cod. B; 1 input; 2 outputs; 2 locking levers; pink	www.wago.com/770-1643/080-000
	Item no.770-1743/080-000 T-distribution connector; 5-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; pink	www.wago.com/770-1743/080-000
	Item no.770-1746/080-000 3-way distribution connector; 5-pole; Cod. B; 1 input; 3 outputs; pink	www.wago.com/770-1746/080-000
	Item no.770-285/080-000 Socket; 5-pole; Cod. B; 4,00 mm ² ; pink	www.wago.com/770-285/080-000
	Item no.770-295/080-000 Plug; 5-pole; Cod. B; 4,00 mm ² ; pink	www.wago.com/770-295/080-000
	Item no.770-885/011-000/080-000 Socket for PCBs; angled; 5-pole; Cod. B; pink	www.wago.com/770-885/011-000/080-000
	Item no.770-895/011-000/080-000 Plug for PCBs; angled; 5-pole; Cod. B; pink	www.wago.com/770-895/011-000/080-000
	Item no.770-885/080-000 Socket for PCBs; straight; 5-pole; Cod. B; pink	www.wago.com/770-885/080-000
	Item no.770-895/080-000 Plug for PCBs; straight; 5-pole; Cod. B; pink	www.wago.com/770-895/080-000
	Item no.899-631/405-000 Distribution box; 230 V + SMI; 2 inputs; 6 outputs; Cod. A, B; MINI, MIDI; black	www.wago.com/899-631/405-000
	Item no.899-631/421-000 Distribution box; 230 V + SMI; 1 input; 5 outputs; Cod. B; MIDI; black	www.wago.com/899-631/421-000

Installation Notes

Product family

<i>WINSTA</i>® MIDI special
[Show all products from the family](#)

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