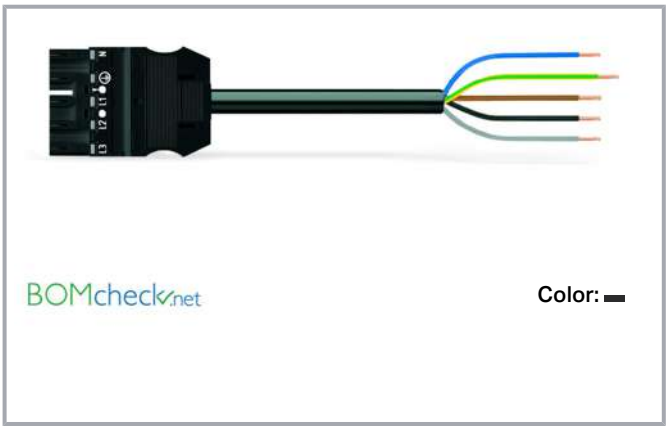
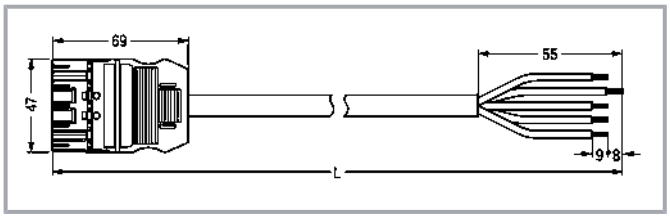
Data sheet | Item number: 771-9995/206-051

pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 0.5 m

www.wago.com/771-9995_206-051





Item description

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

Note:

Cables with different fire load are available in the eShop

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

IEC Approvals

Rated voltage (III / 3)	400 V
Rated surge voltage (III/3)	6 kV
Rated current	16 A

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at {0}.

Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Rated voltage UL 1977	600 V
Rated current UL 1977	23 A

Connection data

Strip length	9 mm / 0.35 inch
Pole No.	5
Total number of potentials	5
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Sheathed cable diameter	9.3 … 11.6 mm
Wire cross-section	1.5 mm²
Connection type	Plug - Free end

Physical data

Pin spacing	10 mm / 0.394 inch
Total length	0.5 m

Mechanical data

Coding	A
Marking	N L1 L2 L3
Potential marking	N L1 L2 L3
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 mm²/12 AWG)

Connection type	Plug - Free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 5G1.5
Protection type	IP20
Note on protection type	Only in mated condition with strain relief housing (These compact

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at {0}.

	connectors are not designed for use in open, easily accessible areas.)

Plug-in connection

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

Material data

Color	black
Insulation material	Polyamide 66 (PA 66)
Fire class per EN 50575	E_{ca}
Contact material	Copper or copper alloy, surface-treated
Fire load	1.93 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Printing color of sheathed cable	white
Sheath material	PVC
Weight	95.1 g

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

Packaging type	not packed
Country of origin	DE
GTIN	4044918274005
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

Installation Notes