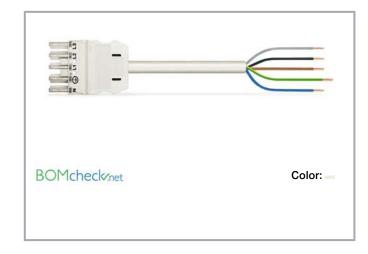
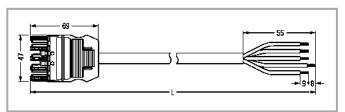
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A; H05VV-F 5G 2.5 mm²; 0.8 m



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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. $0.25m\Omega$ contact transition plug/socket

IEC Approvals

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

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

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Rated current	20 A
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	11.2 13.9 mm
Wire cross-section	2.5 mm²
Connection type	Socket - Free end
Total length Mechanical data	0.8 m
Coding	Α
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 $I_N = 25 \text{ A}$, tested (4 mm ² /12 AWG)
Connection type	Socket - Free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 5G2.5
Protection type	IP20
Subject to changes. Please also observe the further product	t documentation!
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Note on protection type

Only in mated condition with strain relief housing (These compact

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

white
Polyamide 66 (PA 66)
E _{ca}
Copper or copper alloy, surface-treated
3.42 MJ
black
white
black
white
black
white
PVC
212.2 g

Environmental requirements

Processing temperature	-5 +40 ℃
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	PL
GTIN	4044918590136
Customs tariff number	85444290900

Approvals / Certificates

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$

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Country specific Approvals

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

Required accessories

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
d	Item no.: 770-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/770-131

Installation Notes

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

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