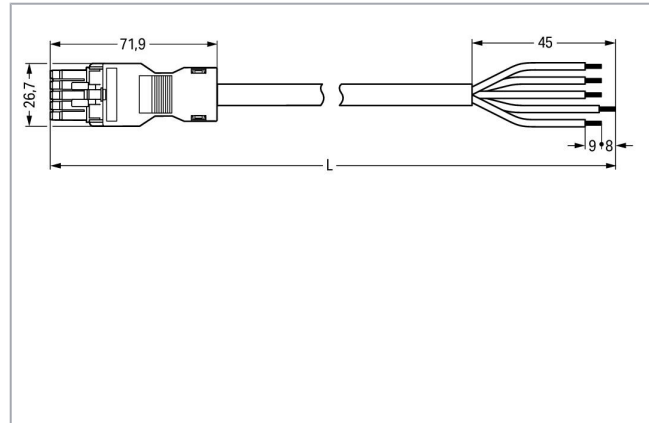
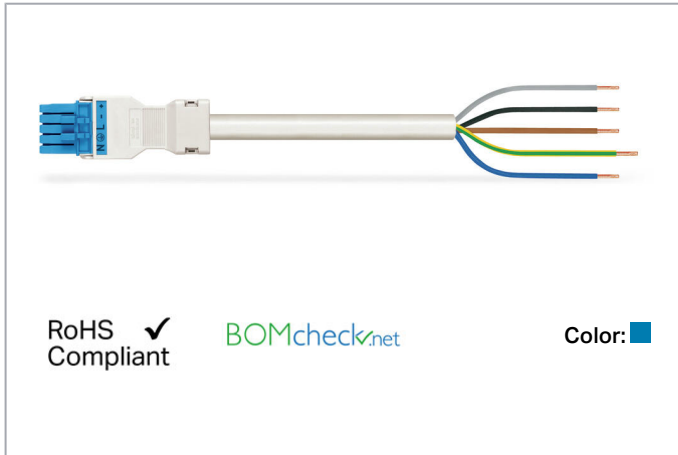


Data sheet | Item number: 891-8985/106-502

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. I;
H05VV-F 5G 1.5 mm²; 5 m; 1,50 mm²; blue



www.wago.com/891-8985_106-502



Item description

- Protected against mismatching and maintenance-free
- Low profile with 4.4 mm pole spacing

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 5 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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Ratings per IEC/EN 60664-1

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

Ratings per UL 1977

Rated voltage UL 1977	600 V
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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 mm ²
Strip length (outer insulation)	45 mm
Connection type	Socket - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	5 m

Mechanical data

technology	DALI
Coding	I
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 $I_N = 16$ A, tested (1.5 mm ²)

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



Connection type	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 5G1.5
Marking	N L - +
Protection type	IP40
Potential marking	N L - +
Application	Lighting management

Plug-in connection

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

Material Data

Color	blue
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	14.131 MJ
Connector color	blue
Printing color of mating face	black
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Printing color of sheathed cable	black
Sheath material	PVC
Weight	836.6 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
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Country of origin	PL
GTIN	4055143398527
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-7823
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-112995

Counterpart

Downloads

Documentation

Bid Text

891-8985/106-502 doc - Datei	Dec 2, 2014	doc 26.1 kB	Download
891-8985/106-502 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 891-8985/106-502	URL	Download
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Installation Notes

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

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