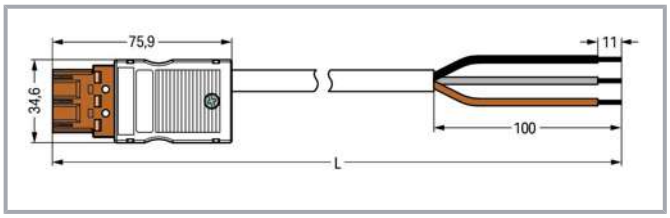
Data sheet | Item number: 771-8973/206-705

Connecting cable; Plug - free end; 3-pole; 7 m long; Coding S; for distribution connectors (series and two-way circuits); PVC insulated; Conductor ends, bonded: 11 mm; 1,50 mm2; black

www.wago.com/771-8973_206-705



Item description

- Protected against mismating and maintenance-free

Data

Electrical data

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

IEC Approvals

Rated voltage (III / 3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	16 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

Total number of potentials	3
Conductor preparation	tip-bonded

Connection 1

Sheathed cable diameter	7.4 … 9.4 mm
Wire cross-section	1.5 mm²

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

WAGO Corporation
Germantown, WI 53022
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Email: info.us@wago.com | Web: www.wago.us

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Physical data

Pin spacing	10 mm / 0.394 inch
Total length	7 m

Mechanical data

Coding	S
Marking	1 2 L
Potential Marking	1 2 L
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 3x1.5

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	13.791 MJ
Connector color	brown
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white

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

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Sheathed cable color	black
Printing color of sheathed cable	white
Sheath material	PVC
Weight	764.8 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

PU (SPU)	1 Stück
GTIN	4045454932411

Installation Notes

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