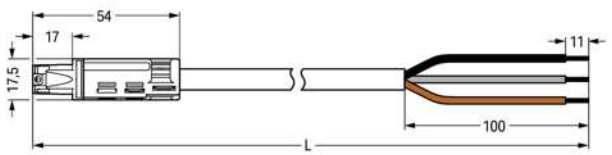
Data sheet | Item number: 774-9973/106-605

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. S; H05VV-F 3 x 1.5 mm²; 6 m; 1,50 mm²; brown

www.wago.com/774-9973_106-605

RoHS Compliant ✓ BOMcheck.net Color:



Item description

- For round conduits and ducts
- 3- and 4-pole preassembled cables with 17.5 mm outer diameter for easy plug & play
- Plug-in integration into the electrical installation of hollow-wall boxes via adapter, for example

Note:

Cables with a different fire class can be found in the eShop.

Note on mismating protection:

All WINSTA® components are 100% protected against mismating when:
a.) plugging different numbers of poles
b.) plugging while incorrectly rotated
c.) plugging while laterally staggered

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
Email: info.de@wago.com | Web: www.wago.com

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)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Strip length	11 mm / 0.43 inch
No. of poles	3
Total number of potentials	3
Conductor preparation	tip-bonded
Cable diameter	7,4 … 9,4 mm
Cross section of single conductor	1.5 mm²
Strip length	100 mm
Connection type	Socket - Free end

Geometrical Data

Total length	6 m

Mechanical data

Coding	S
Mating force of a plug-in connection	approx. 30 … 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. 30 … 70 N (depending on pole number)
Number of mating cycles	200, without resistive load 100, with resistive load I_N = 20 A, tested (2.5mm²/AWG 14)
Connection type	Socket - free end
Type of cable assembly	Connecting cable
Type of cable	H05VV-F 3x1.5
Marking	1 2 L
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

	use in open, easily accessible areas).
Application	Switching function

Plug connection

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

Material Data

Color	brown
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	brown
Strain relief color	black
Sheath material	PVC
Weight	643.8 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	4055143319058
Customs Tariff No.	85444290900

Counterpart

Downloads

Documentation

Bid Text

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
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

774-9973/106-605 doc - Datei	Feb 19, 2015	doc 24.6 kB	Download
774-9973/106-605 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 774-9973/106-605	URL	Download

Installation Notes

Product family

WINSTA® RD
Show all products from the family

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.