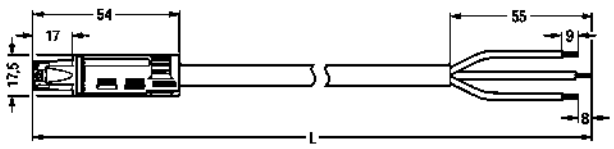
Data sheet | Item number: 774-9993/107-401

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-F 3G 2.5 mm²; 4m; 2,50 mm²; black

www.wago.com/774-9993_107-401

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

Connection data

No. of poles	3
Total number of potentials	3
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Cable diameter	9,2 … 11,4 mm
Cross section of single conductor	2.5 mm²
Strip length	55 mm
Connection type	Socket - Free end

Geometrical Data

Total length	4 m

Mechanical data

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 3G2.5
Marking	L N
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).

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Application	General mains applications

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever

Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E_{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	10.736 MJ
Connector color	black
Strain relief color	black
Sheath material	PVC
Weight	645.8 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	BOX
Country of origin	DE
GTIN	4045454322915
Customs Tariff No.	85444290900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
CCA	**CCA** DEKRA Certification B.V.	-	NTR NL 6374

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KEMA/KEUR DEKRA Certification B.V.	-	2118353.01

Counterpart

Downloads

Documentation

Bid Text

774-9993/107-401 doc - Datei	Jan 8, 2015	doc 24.1 kB	Download
774-9993/107-401 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 774-9993/107-401	URL	Download

CAE data

WSCAD Universe 774-9993/107-401	URL	Download

Installation Notes

Product family

WINSTA® RD
Show all products from the family

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

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