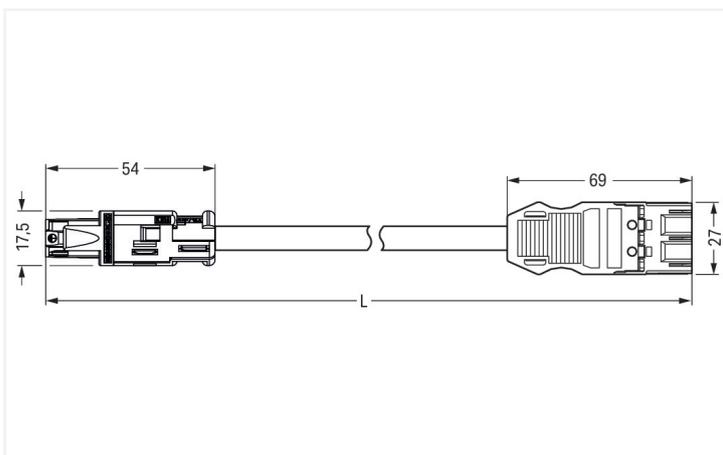# Data Sheet | Item Number: 774-9993/1507-401

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

https://www.wago.com/774-9993/1507-401

Color: ■ black

Dimensions in mm

Cable assembly WINSTA® RD with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly 3-pole. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The plug-

gable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with electrified elements. This pluggable installation connector is designed for a current load of up to 20 A. Therefore, it can also be used for high power loads. *WINSTA*® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable assembly is equipped with a RD socket and a MIDI plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – with protection type IP20 from WAGO makes the electrical installation of electrical components substantially easier.

- effective protection against mismating
- saves time, since no wiring is required at the construction site
- with A coding for a great number of applications
- exact dimensions
- fast, secure installation

Notes

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

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	20 A	-	-

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

Connection Data

Total number of potentials	3

Connection 1	
Pole number	3
Wire cross-section	2.5 mm²
Connection type	RD socket - MIDI plug

Physical data

Width	27 mm / 1.063 inches
Height	17.5 mm / 0.689 inches
Total length	4 m

Mechanical data

Use	General mains applications
Coding	A
Marking	L ⊕ N
Potential marking	N ⊕ L
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	Unlocked: approx. 30 … 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Connection type	RD socket - MIDI plug
Type of pre-assembled cable	Adapter cable
Cable type	H05VV-F 3G2.5

WAGO

Mechanical data

Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

Mismating protection	Yes
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
Locking of plug-in connection	Locking lever

Material data

Note (material data)	Information on material specifications can be found here
Color	black
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E_{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	119.131 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	647.1 g
Copper weight of the raw cable	0.072 kg/m

Environmental requirements

Processing temperature	-5 … +40 °C
Continuous operating temperature	-35 … +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4050821572787
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7969
CCA DEKRA Certification B.V.	EN 61984	NTR NL-7848
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123229
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-114944

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 774-9993/1507-401	↓

Documentation

Bid Text			
774-9993/1507-401	19.02.2019	xml 2.95 KB	↓
774-9993/1507-401	19.02.2015	doc 23.50 KB	↓

WAGO

CAD/CAE-Data

CAD data

2D/3D Models
774-9993/1507-401

↓

CAE data

EPLAN Data Portal
774-9993/1507-401

↓

1 Compatible Products

1.1 Required Accessories

1.1.1 Cover

1.1.1.1 Cover

Item No.: 770-360
Lockout cap; for plugs; 5-pole; separable; yellow

1.1.2 Locking system

1.1.2.1 Locking system

Item No.: 770-101
Locking lever; for flying leads; for manual operation; black

Item No.: 770-121
Locking lever; for flying leads; for manual operation; white

Item No.: 770-111
Locking lever; for flying leads; for tool operation; black

Item No.: 770-131
Locking lever; for flying leads; for tool operation; white

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

Current addresses can be found at:: www.wago.com