

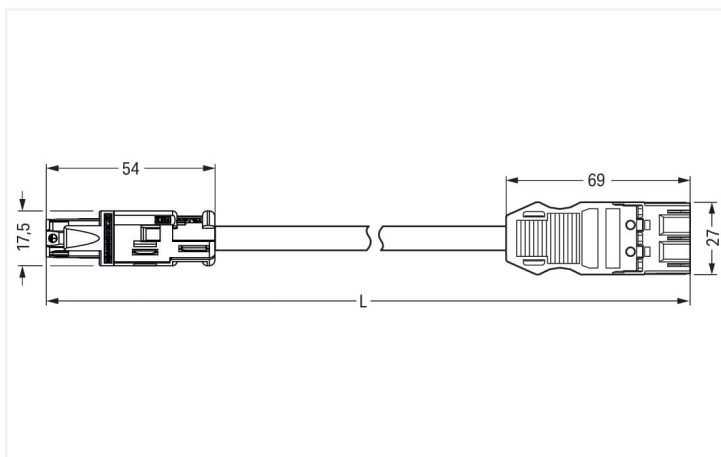
Data Sheet | Item Number: 774-9993/1517-401

pre-assembled adapter cable; Eca; Socket/plug MIDI; 3-pole; Cod. A; H05Z1Z1-F 3G
2.5 mm²; 4 m; 2,50 mm²; black

<https://www.wago.com/774-9993/1517-401>



Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD 3-pole

The WINSTA® RD cable assembly 3-pole supports fast, reliable installation. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This pluggable installation connector is used for electrical currents up to 20 A. Thus the product is ideally suitable for high power loads. The WINSTA® RD features a round design that is ideal for installation in conduits with an inner diameter of 20 mm, for example in construction of prefabricated houses. This product meets all the mandatory safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials are flame-resistant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a RD socket and a MIDI plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Now you can also lower installation costs without compromising safety and quality: with fire class E reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- with A coding for a large number of uses
- ready for immediate use
- convenient installation and commissioning

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 surge 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
Sheathed cable diameter	9.2 ... 11.4 mm
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	H05Z1Z1-F 3G2.5
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	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	620 g
Copper weight of the pipe	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	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4050821748199
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations
CCA CCA KEMA KEUR KEMA KEUR		
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
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 774-9993/1517-401	

Documentation

Bid Text			
774-9993/1517-401	19.02.2019	xml 2.96 KB	
774-9993/1517-401	19.02.2015	doc 23.50 KB	



CAD/CAE-Data

CAE data
EPLAN Data Portal 774-9993/1517-401



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