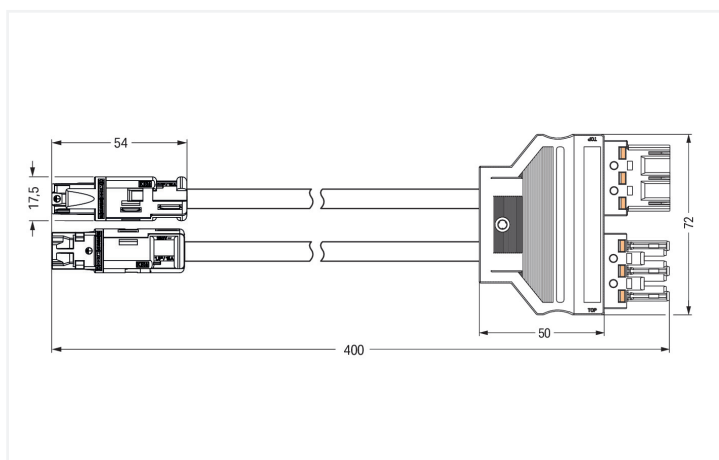
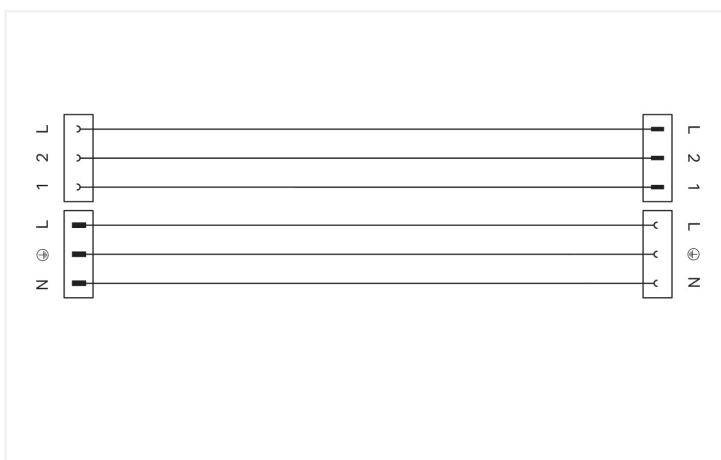


Data Sheet | Item Number: 774-5001/103-000

pre-assembled Y-cable; Eca; Cod. A/S; H05VV-F 3G 2.5 mm²; H05VV-F 3 x 1.5 mm²;
0.4 m; 2,50 mm²

<https://www.wago.com/774-5001/103-000>



Cable assembly WINSTA® RD S coding

For power and signal transmission: The WINSTA® RD cable assembly S coding. WAGO pluggable installation connectors are used when requirements repeat or are planned on a specific grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector offers touch-proof protection with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). The WINSTA® RD features a round design that is perfect for use in conduits with an inner diameter of 20 mm, such as in the prefabricated house sector. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are met by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

A RD socket, rd plug, a MIDI plug and a MIDI socket are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- effective protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- with S coding for AC applications of distributed components
- custom-engineered solutions
- 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			General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2		
Nominal voltage	250 V	-	-		
Rated impulse withstand voltage	4 kV	-	-		
Rated current	16 A	-	-		

Connection Data

Total number of potentials	4	Connection 1	
		Pole number	3
		Wire cross-section	1.5 mm ²
		Connection type	RD socket; RD plug - MIDI plug; MIDI socket

Connection 2

Pole number	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm ²

Connection 3

Pole number	3
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Connection 4

Pole number	3
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Physical data

Pin spacing	10 mm / 0.394 inches
Width	72 mm / 2.835 inches
Height	17.5 mm / 0.689 inches
Total length	0.4 m

Mechanical data

Use	General mains applications
Coding	S
Coding 2	A
Variable coding	Yes
Marking	L ⊕ N
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; RD plug - MIDI plug; MIDI socket
Type of pre-assembled cable	Y-cable
Cable type	H05VV-F 3G1.5
Cable type 2	H05VV-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
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	22.718 MJ
Connector color	brown
Strain relief color	black
Connector color 2	black
Strain relief color 2	black
Connector color 3	brown
Strain relief color 3	black
Connector color 4	black
Sheathed cable color	black
Printing color of sheathed cable	white
Sheathed cable color 2	black
Printing color of sheathed cable 2	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	142.5 g
Copper weight of the raw cable	0.043 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	4066966302400
Customs tariff number	85444290900

Product Classification


UNSPSC	26121629
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance





Compliance Search
Environmental Product Compliance 774-5001/103-000 

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 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

1.2 Optional Accessories




1.2.1 Coding

1.2.1.1 Coding


Item No.: 770-401 Coding pin; for plugs; Plastic; gray

1.2.2 Cover

1.2.2.1 Cover

		
Item No.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black	Item No.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white	Item No.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow

1.2.3 Marking

1.2.3.1 Marking strip



Item No.: 210-334

Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white