

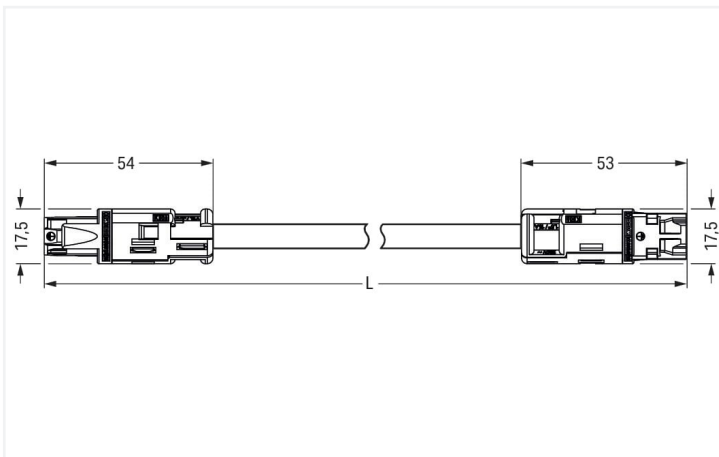
Data Sheet | Item Number: 774-9973/006-805

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. S; H05VV-F 3
x 1.5 mm²; 8 m; 1,50 mm²; brown

<https://www.wago.com/774-9973/006-805>



Color: ■ brown



Dimensions in mm



Cable assembly WINSTA® RD 3-pole

The WINSTA® RD cable assembly with protection against mismating is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The pluggable 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!)). That results in the fact that users' fingers will never come into contact with energised contact elements. WINSTA® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant.

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

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – with fire class E from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismating
- saves time, since no wiring is required at the construction site
- for AC applications
- ready for immediate use
- rapid, structured electrical 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 surge voltage		4 kV	-	-
Rated current		16 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	7.4 ... 9.4 mm	
Wire cross-section	1.5 mm²	
Connection type	Socket - Plug	

Physical data	
Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	8 m

Mechanical data

Application	Switching function
Coding	S
Variable coding	No
Marking	1 2 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	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 3x1.5
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 <i>WINSTA</i> ® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered
Locking lever	Yes
Locking of plug-in connection	Locking lever

Material data

Note (material data)	Information on material specifications can be found here
Color	brown
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	238.738 MJ
Connector color	brown
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	797 g
Copper weight of the pipe	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	
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	4055143145497
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations
  		
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
		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 774-9973/006-805	



Documentation

Bid Text			
774-9973/006-805	19.02.2019	xml 2.95 KB	
774-9973/006-805	19.02.2015	doc 24.00 KB	