

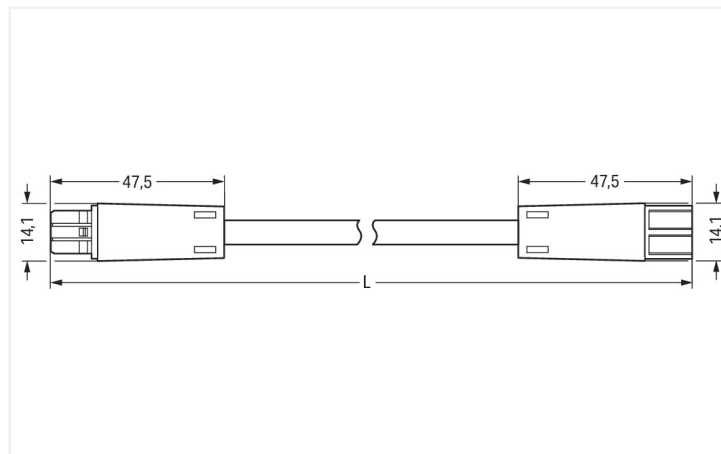
Data Sheet | Item Number: 894-8992/023-107

pre-assembled interconnecting cable; Dca; Socket/plug; 2-pole; Cod. F; Y-H(St)Hh
1x2x0,8; 1 m; gray

<https://www.wago.com/894-8992/023-107>



Color: ■ gray



Dimensions in mm

Cable assembly *WINSTA*® KNX with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® KNX cable assembly rated current 3 A. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. 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 offers touch-proof protection with live components in accordance with protection type IP20 (Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)). The standardised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. *WINSTA*® KNX pluggable installation connectors with F coding are used in low-voltage applications. According to the European CPR, the fire class of the cables used for construction is essential for the safety of buildings, too. For houses with safety requirements, cable assemblies with fire class D are suitable. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials are flame-resistant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Now you can also lower installation costs without compromising quality and safety: with protection against mismatching reduces the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- with F coding for the use in supplying power
- exact dimensions
- quick replacement of defective units during ongoing operation

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. 3 mΩ contact resistance
Pollution degree	3	2	2		
Nominal voltage	50 V	-	-		
Rated impulse withstand voltage	0.8 kV	-	-		
Rated current	3 A	-	-		

Connection Data

Total number of potentials	2	Connection 1	
		Conductor diameter	0.8 mm
		Pole number	2
		Connection type	Socket - Plug

Physical data

Width	14.1 mm / 0.555 inches
Height	11.1 mm / 0.437 inches
Total length	1 m

Mechanical data

Technology	KNX
Coding	F
Variable coding	No
Marking	1+ 2-
Potential marking	1+ 2-
Mating force of a plug-in connection	Approx. 10 ... 15 N
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	Unlocked: approx. 15 ... 20 N
Number of mating cycles	200
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	Y-H(St)Hh 1x2x0.8
Protection type	IP20; Only when mated and secured with a strain relief housing (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: <ul style="list-style-type: none"> a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	D _{ca}
Contact material	Copper alloy; surface-treated
Contact Plating	Tin
Fire load	1.362 MJ
Connector color	light gray
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	45 g
Copper weight of the raw cable	0.01 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	PL
GTIN	4055143803045
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
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Documentation

Bid Text

894-8992/023-107	19.02.2019	xml 3.00 KB	
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