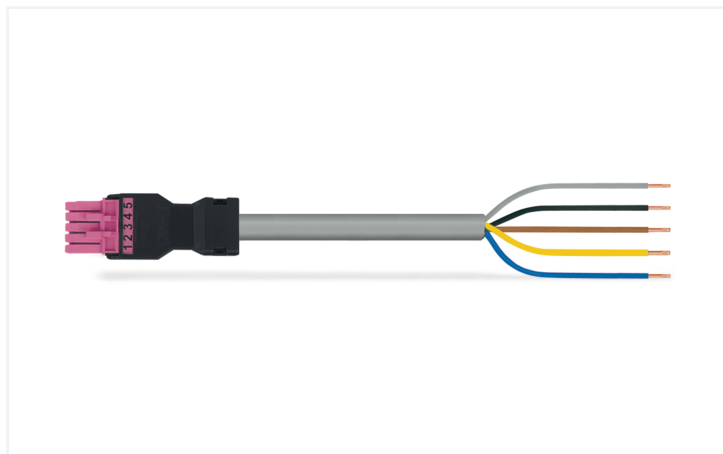


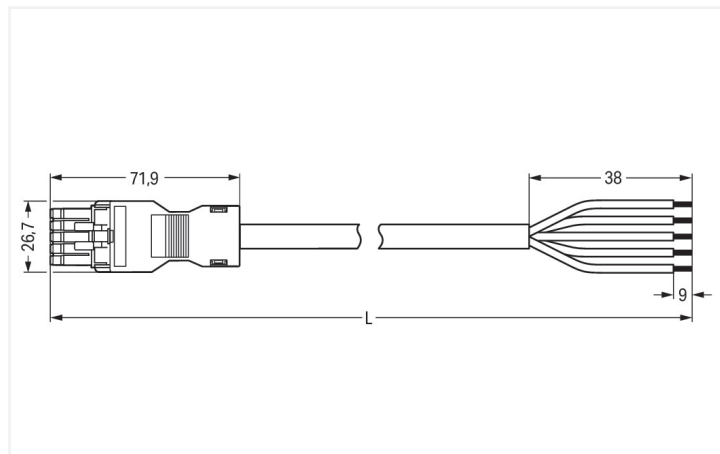
Data Sheet | Item Number: 891-8995/106-807

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; (H)
05VV-F 5x1,5 mm²; 8 m; 1,50 mm²; pink

<https://www.wago.com/891-8995/106-807>



Color: ■ pink



Dimensions in mm

Cable assembly *WINSTA*® MINI rated current 16 A

The *WINSTA*® MINI cable assembly with protection against mismatching is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow flexible, error-free installation in numerous applications. 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 protection against contact with tools or wires if they are smaller than 1 mm in accordance with protection type IP40. B coding enables the *WINSTA*® MINI pluggable installation connectors to be used for application control in the domains of automation, robotics, and mechanical engineering. Thanks to its particularly small dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very tight spaces, i.e., for connections when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

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

A socket and a free end are provided. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also cut installation costs without compromising safety and quality: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- for automation controllers
- ready for immediate use
- convenient installation and commissioning

Notes

Note

Variants:

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

Other pole markings

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	16 A	-	-

Ratings per IEC/EN – Notes

Rated current (note)	13 A for 3-pole load 10 A for 4- and 5-pole load
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General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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Connection Data

Total number of potentials	5
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inches
Pole number	5
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	38 mm
Connection type	Socket - free end

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	26.7 mm / 1.051 inches
Height	15.8 mm / 0.622 inches
Total length	8 m

Mechanical data

Use	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4 5
Potential marking	1 2 3 4 5
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Connection type	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 5x1.5
Protection type	IP40

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 rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Locking lever	Can be retrofitted
Locking of plug-in connection	Locking lever
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

Material data

Note (material data)	Information on material specifications can be found here
Color	pink
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	0.21 MJ
Connector color	pink
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	1324.6 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	PL
GTIN	4055143519892
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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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/106-807	↓
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Documentation

Bid Text

891-8995/106-807	19.02.2019	xml 2.99 KB	↓
891-8995/106-807	12.03.2015	doc 25.00 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal 891-8995/106-807	↓
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1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



<p>Item No.: 890-111 Locking lever; for flying leads; for tool operation; black</p>	<p>Item No.: 890-131 Locking lever; for flying leads; for tool operation; white</p>	<p>Item No.: 890-101 Locking lever; for manual operation; black</p>	<p>Item No.: 890-121 Locking lever; for manual operation; white</p>
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1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black



Item No.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white