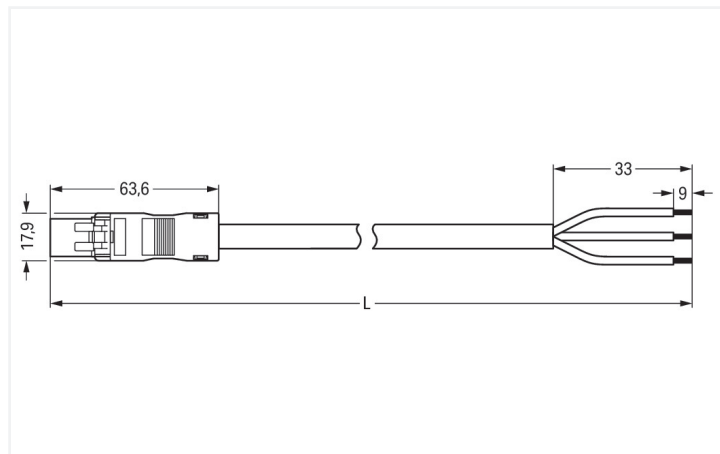
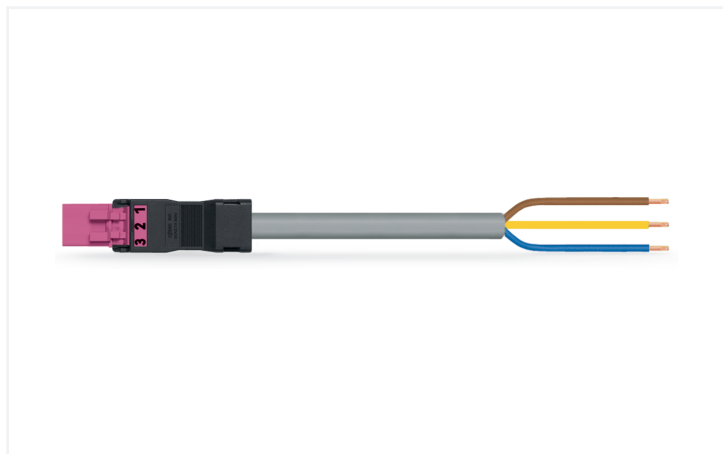


Data Sheet | Item Number: 891-8993/206-507

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; (H)05VV-F
3x1,5 mm²; 5 m; 1,50 mm²

<https://www.wago.com/891-8993/206-507>



Dimensions in mm

Cable assembly *WINSTA*® MINI rated current 16 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly rated current 16 A. WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a specified 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. Pluggable installation connectors with B coding from the *WINSTA*® MINI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Customer-specific pole marking is possible, too. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since due to LED technology, these offer less and less space for the connection technology. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a free end. The *WINSTA*® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose quality and durability – with marking from WAGO makes the installation of electrical components substantially easier.

- effective protection against mismatching
- consistent IP40 protection
- with B coding for controllers, for example sun blinds and lighting fixtures
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

Notes

Note

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

Variants:

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			Ratings per IEC/EN – Notes	
Overvoltage category	III	III	II	Rated current (note)	13 A for 3-pole load
Pollution degree	3	2	2		
Nominal voltage	250 V	-	-		
Rated impulse withstand 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
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Connection Data

		Connection 1	
Total number of potentials	3	Strip length	9 mm / 0.35 inches
Conductor preparation	ultrasonically tip-bonded	Pole number	3
		Wire cross-section	1.5 mm ²
		Strip length (outer insulation)	33 mm
		Connection type	Plug - free end

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	17.9 mm / 0.705 inches
Height	14 mm / 0.551 inches
Total length	5 m

Mechanical data

Use	Control technology
Coding	B
Variable coding	No
Marking	1 2 3
Potential marking	1 2 3
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	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 3x1.5
Protection type	IP20; IP40 when mated

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
Insulation material (main housing)	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	0.192 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	501.3 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	PL
GTIN	4050821675877
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 891-8993/206-507	↓
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Documentation

Bid Text

891-8993/206-507	19.02.2019	xml 3.03 KB	↓
891-8993/206-507	02.12.2014	doc 25.50 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal 891-8993/206-507	↓
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1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



Item No.: 890-111
Locking lever; for flying leads; for tool operation; black

Item No.: 890-131
Locking lever; for flying leads; for tool operation; white

Item No.: 890-101
Locking lever; for manual operation; black

Item No.: 890-121
Locking lever; for manual operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 897-2001

Protective cap; Type1; 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