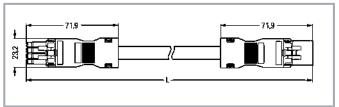
pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm²; 8 m; 1,50 mm²; white



www.wago.com/891-8994_006-802





Item description

Cable assembly WINSTA® MINI 4-pole

The WINSTA® MINI cable assembly 4-pole is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors can be used when requirements repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. Standard mains applications for almost any domain of use can be realised with WINSTA® MINI pluggable installation connectors with A coding. WINSTA® MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Use of this preassembled system reduces assembly times and installation errors at the construction site. Choose quality and durability – the WINSTA® MINI pluggable installation connector with fire class E from WAGO makes the installation of electrical components noticeably easier.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- with A coding for use in a large number of general mains applications
- ready for immediate use
- convenient installation and commissioning

Subject to changes. Please also observe the further product documentation!

WAGO Corporation Germantown, WI 53022

Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222

Email: info.us@wago.com | Web: www.wago.us

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Data Notes

Note

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

-	IDCtr	-	l data
_	CCLI	u	uata

Note on contact resistance approx. 1 $m\Omega$ of contact resistance

approx. $0.25 \text{ m}\Omega$ contact transition plug/socket

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Note for the US market

Some versions may also be used for current interruption in accordance with the UL certificate in select applications with

currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

Connection data

Total number of potentials

PE function Preceding PE contact

Conductor preparation ultrasonically tip-bonded

Connection 1

Number of poles	4
Sheathed cable diameter	8.4 10.5 mm
Wire cross-section	1.5 mm²
Connection type	Socket - Plug

Physical data

Pin spacing 4.4 mm / 0.173 inch

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Total length	8 m	
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Mechanical data

Application	General mains applications
Coding	A
Variable coding	No
Marking	N
Potential Marking	N
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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 4G1.5
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

Material data

Note (material data)	Information on material data can be found here
Color	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	239.438 MJ
Connector color	white
Printing color of mating face	black

Subject to changes. Please also observe the further product documentation!

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Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	1059.7 g
Copper weight of the pipe	0.058 kg/m

Environmental requirements

Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 °C
Note on continuous operating temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

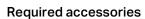
Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4055143404235
Customs tariff number VKOrg Germany	85444290900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	name
CCA	CCA DEKRA Certification B.V.	EN 61535	NTR NL- 7823
KEMA	KEMA/KEUR DEKRA Certification B.V.	EN 61535	71- 112995



Locking levers

Locking system

Subject to changes. Please also observe the further product documentation!

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Cortificato

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Item no.: 890-111 Locking lever; for flying leads; for tool operation; black	www.wago.com/890-111
Item no.: 890-101 Locking lever; for manual operation; black	www.wago.com/890-101
Item no.: 890-121 Locking lever; for manual operation; white	www.wago.com/890-121
Item no.: 890-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/890-131

Optional accessories

Mounting

Mounting accessories				
	Item no.: 890-310	www.wago.com/890-310		
	Mounting carrier; 2- to 5-pole; for flying leads; black	www.wago.com/650 510		
	Item no.: 890-311	///////////////////////////////////////		
	Mounting carrier; 2- to 5-pole; for flying leads; white	www.wago.com/890-311		
over				
Other				



Item no.: 897-2003

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

www.wago.com/897-2003

Downloads Documentation

Bid Text

891-8994/006-802 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8994/006-802 doc - Datei	2014 Dec 1	doc 25.1 kB	Download

CAD files

CAE data

WSCAD Universe 891-8994/006-802	URL	Download
WSCAD Universe 891-8994/006-802	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/006-802

URL

Download

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm²; 8 m; 1,50 mm²; white

Installation Notes

Product family

WINSTA® MINI

Show all products from the family

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$

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