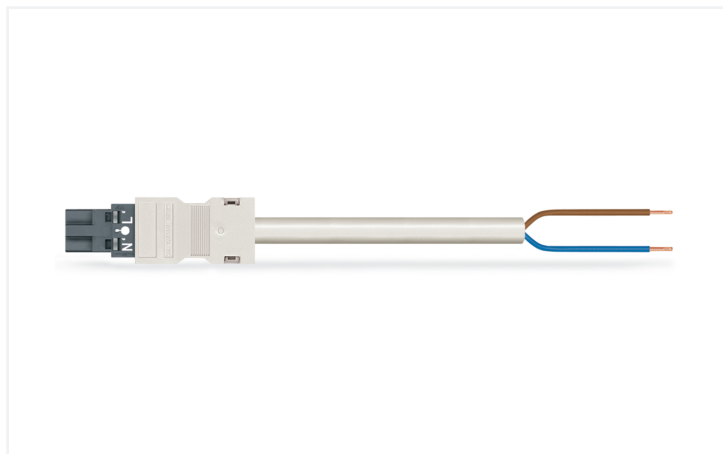


Data Sheet | Item Number: 771-8982/206-604

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. L; H05VV-F 2 x 1.5 mm²; 6 m; 1,50 mm²; dark gray

<https://www.wago.com/771-8982/206-604>



Color: ■ dark gray



Dimensions in mm

Cable assembly WINSTA® MIDI L coding

The WINSTA® MIDI cable assembly with protection type IP20 supports rapid, correct installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in no time flat. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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. The 2- or 5-pole version of the dark grey WINSTA® MIDI pluggable installation connectors with L coding allows use of an emergency power supply. The WINSTA® MIDI product line achieves flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees error-free, time-saving installation and offers flexibility and customization for meeting an enormous variety of installation requirements. This product meets all the mandatory fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

A plug and a free end are provided. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology tool! Plan your installation with with strain relief hosting from WAGO.

- pluggable installation connectors with protection against mismatching
- simple circuits
- with L coding for use in supplying power to power supply units or small servo motors
- 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.

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
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

Total number of potentials	2
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inches
Pole number	2
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	35 mm
Connection type	Plug - free end

Physical data

Pin spacing	10 mm / 0.394 inches
Width	24.6 mm / 0.969 inches
Height	15.9 mm / 0.626 inches
Total length	6 m

Mechanical data

Use	Emergency power supply
Coding	L
Variable coding	No
Marking	L 'N'
Potential marking	L '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	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 2x1.5
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 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	dark gray
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	179.718 MJ
Connector color	dark gray
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	503.3 g
Copper weight of the raw cable	0.029 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	DE
GTIN	4055143476362
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 8.0	EC002587
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
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 771-8982/206-604	↓
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Documentation

Bid Text

771-8982/206-604	19.02.2019	xml 2.98 KB	↓
771-8982/206-604	03.12.2014	doc 25.00 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 771-8982/206-604	↓
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1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



Item No.: 770-101
Locking lever; for flying leads; for manual operation; black

Item No.: 770-121
Locking lever; for flying leads; for manual operation; white

Item No.: 770-111
Locking lever; for flying leads; for tool operation; black

Item No.: 770-131
Locking lever; for flying leads; for tool operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 770-360

Lockout cap; for plugs; 5-pole; separable;
yellow

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.: 770-310

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

1.2.3 Marking

1.2.3.1 Marking strip



Item No.: 210-334

Marking strips; as a DIN A4 sheet; Strip
width 5 mm; Strip length 182 mm; plain;
Self-adhesive; white