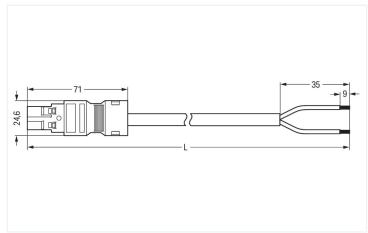
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. L; H05VV-F 2

x 1.5 mm²; 7 m; 1,50 mm²; dark gray



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Color: ■ dark gray

Dimensions in mm

Cable assembly WINSTA® MIDI L coding

The WINSTA® MIDI cable assembly 2-pole is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in next to no time. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). L coding identifies WINSTA® MIDI pluggable installation connectors for use in applications related to supplying power in automation. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy, secure, tailored installation. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Now you can also lower installation costs without compromising quality and safety: The WINSTA® MIDI pluggable installation connector with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- · 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	Ratings per UL 1977	
Overvoltage category	III	III	II	Note for the US market	Some versions may also be used for cur-
Pollution degree	3	2	2		rent interruption in accordance with the UL certificate in select applications with
Nominal voltage	250 V	-	-		currents below 16 A and voltages up to
Rated surge voltage	4 kV	-	-		600 V. For further information, please contact your local sales office.
Rated current	16 A	-	-		contact your local suics office.

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General information

Note on contact resistance approx. 1 m Ω of contact re

approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/

socket

Connection data			
Total number of potentials	2	Connection 1	
Conductor preparation ultrasonically tip-bonded	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	2
	Sheathed cable diameter	6.8 8.6 mm	
	Wire cross-section	1.5 mm²	
	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	7 m

Mechanical data	
Application	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 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).

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Material data	
Note (material data)	Information on material specifications can be found here
Color	dark gray
Insulation material	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	209.706 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	585.3 g
Copper weight of the pipe	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	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143476386
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals	s / Certi	ficates
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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 Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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Compliance 771-8982/206-704

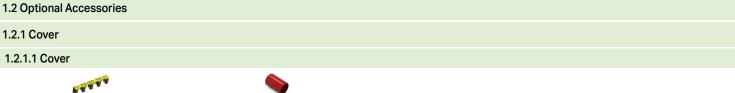


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CAD/CAE-Data CAE data WSCAD Universe 771-8982/206-704





Item No.: 770-360 Lockout cap; for plugs; 5-pole; separable;

Protective cap: Type

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

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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

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

Current addresses can be found at:: www.wago.com

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