#### Data Sheet | Item Number: 771-9993/006-302

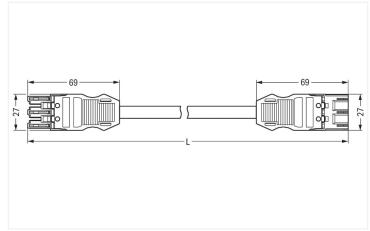
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F

3G 1.5 mm<sup>2</sup>; 3 m; 1,50 mm<sup>2</sup>; white

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Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismating

The WINSTA® MIDI cable assembly 3-pole supports rapid, correct installation. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). The WINSTA® MIDI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, flexible, and secure installation. 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.

Pluggable connections instead of screw connections - cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – the WIN-STA® MIDI pluggable installation connector with marking from WAGO makes the installation of electrical components visibly easier.

- · pluggable installation connectors with protection against mismating
- · pre-assembled versions
- suitable for any application
- exact dimensions
- · convenient installation and commissioning

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 sales office.

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**General information** 

approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/ Note on contact resistance

Connection data			
Total number of potentials	3	Connection 1	
PE function P	Preceding PE contact	Pole number	3
		Sheathed cable diameter	7.4 9.4 mm
		Wire cross-section	1.5 mm²
		Connection type	Socket - Plug

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	27 mm / 1.063 inches
Height	12.9 mm / 0.508 inches
Total length	3 m

Mechanical data	
Application	General mains applications
Coding	A
Variable coding	Yes
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	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 3G1.5
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)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	89.45 MJ
Connector color	white
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	320 g
Copper weight of the pipe	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	
Product Group	20 (Winsta)
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	4044918587228
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption



## Approvals / Certificates

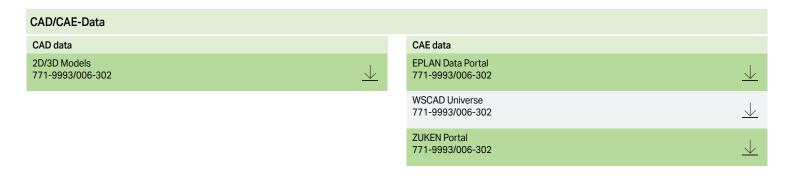
# General approvals



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

# Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 771-9993/006-302

Documentation			
Bid Text			
771-9993/006-302	19.02.2019	xml 2.90 KB	$\perp$
771-9993/006-302	04.12.2014	doc 24.00 KB	<u>↓</u>
ausschreiben.de 771-9993/006-302			$\perp$



# Data Sheet | Item Number: 771-9993/006-302

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#### 1 Compatible Products

#### 1.1 Required Accessories

#### 1.1.1 Locking system

Item No.: 770-101

operation; black

#### 1.1.1.1 Locking system



Locking lever; for flying leads; for manual

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.: 770-201

sockets; Plastic; black



Lockout cap; 12-pole, separable; for

Item No.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white



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 Marker





Item No.: 770-450/000-006

Marker card; Plastic; blue

Item No.: 770-450/000-001 Marker card; Plastic; green

Item No.: 770-450/000-012 Marker card; Plastic; orange

Item No.: 770-450/000-005 Marker card; Plastic; red

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Item No.: 770-450 Marker card; Plastic; white

Item No.: 770-450/000-002 Marker card; Plastic; yellow

#### 1.2.3.2 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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