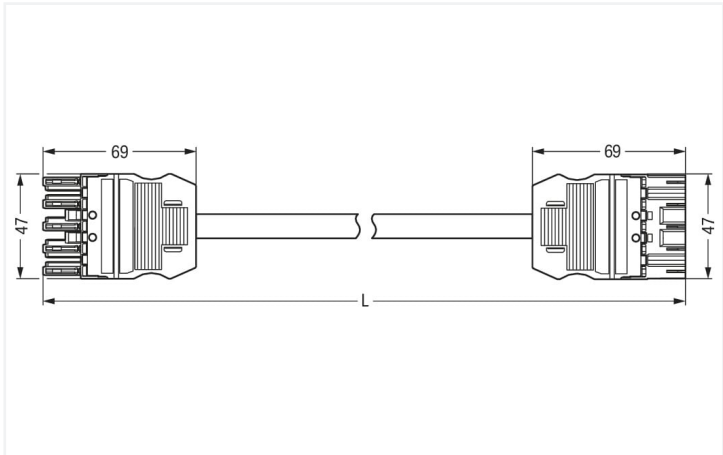




Color: ■ red



Dimensions in mm

Cable assembly WINSTA® MIDI 5-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly rated current 20 A. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow fast, efficient, error-free installation in a large number of applications. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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!)). WINSTA® MIDI pluggable installation connectors with P coding allow error-free realization of an fault-free power supply (UPS). This pluggable installation connector is designed for a current load of up to 20 A. As a result, it can also be used for high power loads. 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 and maximally flexible 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 socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Now you can also reduce installation expenses without compromising safety and quality: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with P coding for use in realising an uninterruptible power supply
- ready to install and use immediately
- 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		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage	400 V	-	-	-
Rated surge voltage	6 kV	-	-	-
Rated current	20 A	-	-	-

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket



Connection data										
Total number of potentials	5	Connection 1 <table><tr><td>Pole number</td><td>5</td></tr><tr><td>Sheathed cable diameter</td><td>11.2 ... 13.9 mm</td></tr><tr><td>Wire cross-section</td><td>2.5 mm²</td></tr><tr><td>Connection type</td><td>Socket - Plug</td></tr></table>	Pole number	5	Sheathed cable diameter	11.2 ... 13.9 mm	Wire cross-section	2.5 mm²	Connection type	Socket - Plug
Pole number	5									
Sheathed cable diameter	11.2 ... 13.9 mm									
Wire cross-section	2.5 mm²									
Connection type	Socket - Plug									
PE function	Preceding PE contact									
Physical data										
Pin spacing	10 mm / 0.394 inches									
Width	47 mm / 1.85 inches									
Height	15.38 mm / 0.606 inches									
Total length	8 m									
Mechanical data										
Use	EDV (UPS)									
Coding	P									
Variable coding	No									
Marking	N L1 L2 L3									
Potential marking	N L1 L2 L3									
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 5G2.5									
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).									
Material data										
Note (material data)	Information on material specifications can be found here									
Color	red									
Insulation material (main housing)	Polyamide (PA66)									
Fire class per EN 50575	E _{ca}									
Contact material	Copper or copper alloy; surface-treated									
Contact Plating	Tin									
Fire load	240.268 MJ									
Connector color	red									
Strain relief color	black									
Printing color of strain relief	white									



Material data		
Sheathed cable color		black
Printing color of sheathed cable		white
Halogen-free		No
Silicon-free		Yes
Sheath material		PVC
Rubber cable		No
Weight		1979.2 g
Copper weight of the pipe		0.12 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		4045454433109
Customs tariff number		85444290900

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
CCA KEMA KEUR		
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.01
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			↓
771-9975/007-801			

Documentation

Bid Text			
771-9975/007-801	19.02.2019	xml 2.91 KB	↓
771-9975/007-801	10.12.2014	doc 25.50 KB	↓

CAD/CAE-Data

CAE data	
WSCAD Universe	↓
771-9975/007-801	

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.: 770-201
Lockout cap; 12-pole, separable; for sockets; Plastic; black



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.: 897-2005
Protective cap; Type4; 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



[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