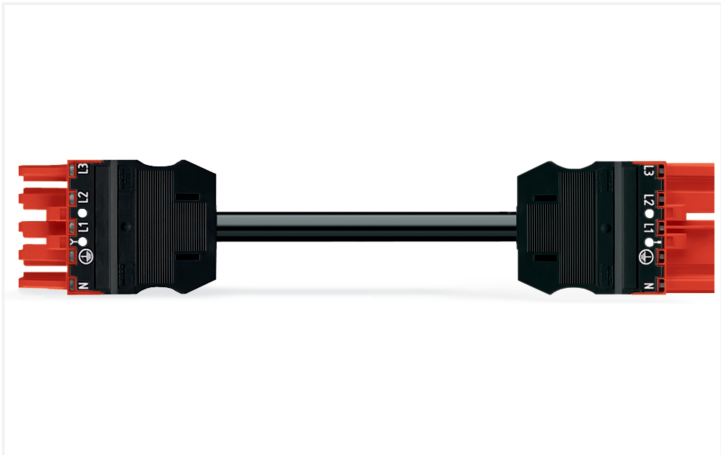
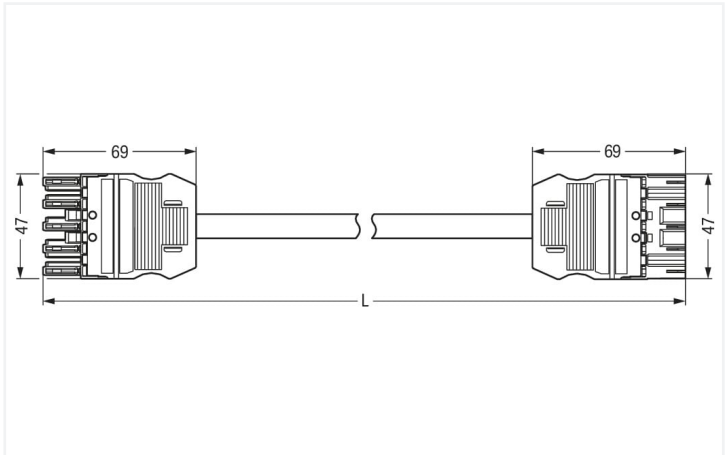




Color: ■ red



Dimensions in mm

Cable assembly WINSTA® MIDI 5-pole

The WINSTA® MIDI cable assembly P coding is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. Our pluggable installation connectors with spring pressure connection technology function without screw connections. They allow flexible, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector offers touch-proof protection 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!)). UPS applications in information technology (IT) mostly use the red WINSTA® MIDI pluggable installation connectors with P coding. Our WINSTA® MIDI product line guarantees flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures error-free, time-saving installation and offers customization and flexibility for meeting an enormous variety of installation requirements. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – with strain relief hosting from WAGO makes the electrical installation of electrical components significantly easier.

- pluggable installation connectors with protection against mismating
- pre-assembled versions
- with P coding for fault-free 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					General information	
Ratings per		IEC/EN 60664-1			Note on contact resistance	
Overvoltage category	III	III	II		approx. 1 mΩ of contact resistance	
Pollution degree	3	2	2		approx. 0.25 mΩ contact transition plug/ socket	
Nominal voltage	400 V	-	-			
Rated surge voltage	6 kV	-	-			
Rated current	16 A	-	-			



Connection data			
Total number of potentials	5	Connection 1	
PE function	Preceding PE contact		
		Pole number	5
		Wire cross-section	1.5 mm²
		Connection type	Socket - Plug
Physical data			
Pin spacing	10 mm / 0.394 inches		
Width	47 mm / 1.85 inches		
Height	15.38 mm / 0.606 inches		
Total length	3 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 5G1.5		
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	90.296 MJ		
Connector color	red		
Strain relief color	black		
Printing color of strain relief	white		
Sheathed cable color	black		



Material data	
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	531.4 g
Copper weight of the pipe	0.072 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 9.0	EC002587
ETIM 8.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454411091
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

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			↓
771-9975/006-301			

Documentation

Bid Text			
771-9975/006-301	19.02.2019	xml 2.91 KB	↓
771-9975/006-301	10.12.2014	doc 25.50 KB	↓

CAD/CAE-Data

CAE data			
WSCAD Universe			↓
771-9975/006-301			

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