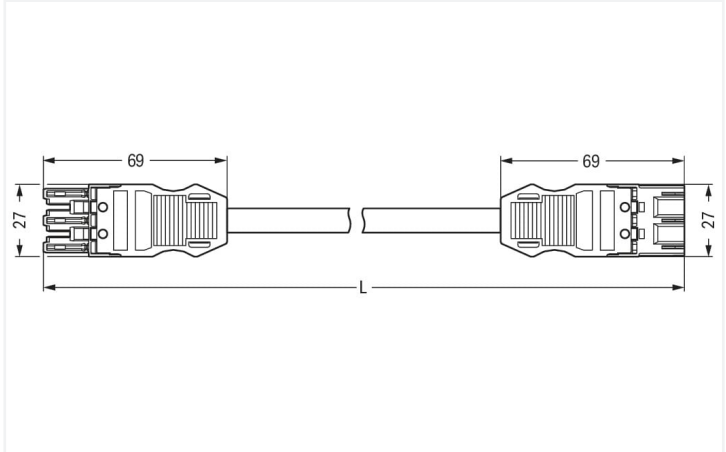




Color: ■ red



Dimensions in mm

Cable assembly WINSTA® MIDI with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly 3-pole. WAGO pluggable installation connectors can be used when specifications repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. 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!)). WINSTA® MIDI pluggable installation connectors with P coding allow zero-defect realization of an fault-free power supply (UPS). Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 20 A – so it is suitable for high power loads. The WINSTA® MIDI product line guarantees total flexibility for the installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers flexibility for meeting various installation requirements. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are fully satisfied 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 optimally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with strain relief hosting from WAGO.

- protection against mismatching eliminates errors
- simple circuits
- with P coding for fault-free power supply
- exact dimensions
- 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	250 V	-	-		
Rated surge voltage	4 kV	-	-		
Rated current	20 A	-	-		



Connection data								
Total number of potentials	3	Connection 1 <table><tr><td>Pole number</td><td>3</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	3	Wire cross-section	2.5 mm²	Connection type	Socket - Plug
Pole number	3							
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	27 mm / 1.063 inches							
Height	12.9 mm / 0.508 inches							
Total length	5 m							
Mechanical data								
Use	EDV (UPS)							
Coding	P							
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	Socket - Plug							
Type of pre-assembled cable	Interconnecting cable							
Cable type	H05VV-F 3G2.5							
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	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	149.422 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	813.1 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	4045454402051
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-7972
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

771-9973/007-501

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Documentation

Bid Text			
771-9973/007-501	19.02.2019	xml 2.91 KB	↓
771-9973/007-501	04.12.2014	doc 24.50 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe

771-9973/007-501

↓

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.: 897-2003

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



[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