

Data Sheet | Item Number: 771-9393/066-501

pre-assembled interconnecting cable; Cca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F
3G 1.5 mm²; 5 m; 1,50 mm²; black

<https://www.wago.com/771-9393/066-501>



Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MIDI rated current 16 A

The WINSTA® MIDI cable assembly rated current 16 A is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. The pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow resource-efficient, error-free installation in a large number of applications. 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!)). Thanks to the color coding and mechanical A coding of WINSTA® MIDI pluggable installation connectors, you can clearly distinguish different circuits. 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 electrical installation. Anyone who needs to take into account technical safety requirements for fire protection reasons for electrical installation should use only top quality components. Our product satisfies the official safety standards of fire class C. Not using halogen additives in the production of this cable assembly significantly increases fire safety and reduces environmental pollution.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are provided. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- effective protection against mismatching
- simple circuits
- with A coding for use in a large number of general mains applications
- 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 | | | General information | |
|---------------------------------|----------------|-----|----|----------------------------|--|
| Overtoltage category | III | III | II | Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket |
| Pollution degree | 3 | 2 | 2 | | |
| Nominal voltage | 250 V | - | - | | |
| Rated impulse withstand voltage | 4 kV | - | - | | |
| Rated current | 16 A | - | - | | |

Connection Data

| | | | |
|----------------------------|----------------------|---------------------|---------------------|
| Total number of potentials | 3 | Connection 1 | |
| PE function | Preceding PE contact | Pole number | 3 |
| | | Wire cross-section | 1.5 mm ² |
| | | 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 | 5 m |

Mechanical data

| | |
|---|---|
| Use | 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 | H05Z1Z1-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 <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

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|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | black |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire class per EN 50575 | C _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 48.798 MJ |
| Connector color | black |
| Strain relief color | black |
| Printing color of strain relief | white |
| Sheathed cable color | black |
| Printing color of sheathed cable | white |
| Halogen-free | Yes |
| Silicon-free | Yes |
| Sheath material | Halogen-free |
| Rubber cable | No |
| Weight | 525.2 g |
| Copper weight of the raw cable | 0.043 kg/m |

Environmental requirements

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|--|---|
| 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

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143770576 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 26121629 |
| eCl@ss 10.0 | 27-44-06-04 |
| eCl@ss 9.0 | 27-44-06-04 |
| ETIM 9.0 | EC002587 |
| ETIM 10.0 | EC002587 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

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|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Downloads

Environmental Product Compliance

| | |
|--|---|
| Compliance Search | |
| Environmental Product Compliance 771-9393/066-501 | ↓ |

CAD/CAE-Data

| | |
|---------------------------------------|---|
| CAE data | |
| EPLAN Data Portal 771-9393/066-501 | ↓ |

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

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|--|
| |
| 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