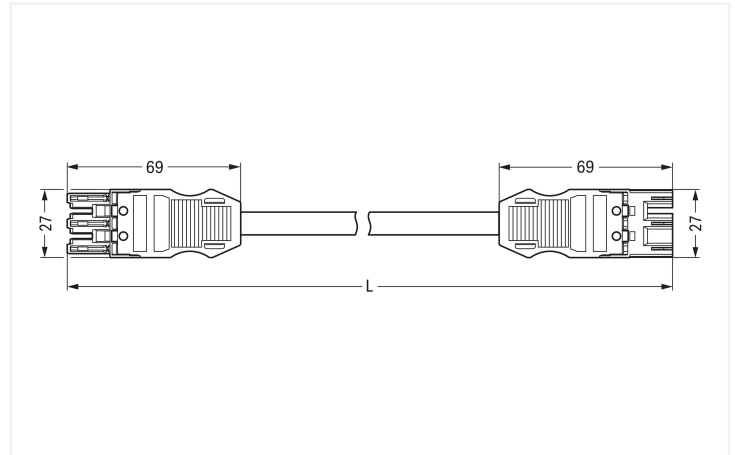


## Data Sheet | Item Number: 771-9273/016-305

pre-assembled interconnecting cable; B2ca; Socket/plug; 3-pole; Cod. S; H05Z1Z1-F 3x1,5 mm<sup>2</sup>; 3 m; 1,50 mm<sup>2</sup>; brown

<https://www.wago.com/771-9273/016-305>



Color: ■ brown

Dimensions in mm

### Cable assembly WINSTA® MIDI with strain relief

The WINSTA® MIDI cable assembly 3-pole is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in next to no time. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. 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!)). Light switches and outlets can be added with the help of WINSTA® MIDI pluggable installation connectors with S coding in brown. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in can be found in a variety of projects you can use for quick, easy, flexible, and secure electrical installation. If you need to satisfy stricter safety standards, you should use cables with fire class B2. These are suitable for use in buildings with extremely high demands on safety. Not using halogen additives in the manufacture of this cable assembly significantly increases fire safety and reduces environmental pollution.

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

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with marking from WAGO makes the installation of electrical components visibly easier.

- protection against mismatching eliminates errors
- simple circuits
- for AC applications
- custom-engineered solutions
- fast, secure installation

### 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	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	16 A	-	-

## General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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## Connection Data

Total number of potentials	3
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## Connection 1

Pole number	3
Wire cross-section	1.5 mm <sup>2</sup>
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

Use	Switching function
Coding	S
Variable coding	No
Marking	1 2 L
Potential marking	1 2 L
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 3x1.5
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)	<a href="#">Information on material specifications can be found here</a>
Color	brown
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	B2 <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.606 MJ
Connector color	brown
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	321.7 g
Copper weight of the raw cable	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

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143796781
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

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

Compliance Search

Environmental Product Compliance 

771-9273/016-305

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Installation**

**1.1.1.1 Mounting accessories**



[Item No.: 770-310](#)  
 Mounting carrier; 2- to 5-pole; for flying leads; black

**1.1.2 Locking system**

**1.1.2.1 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 Marking**

**1.2.2.1 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

### 1.2.2.2 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