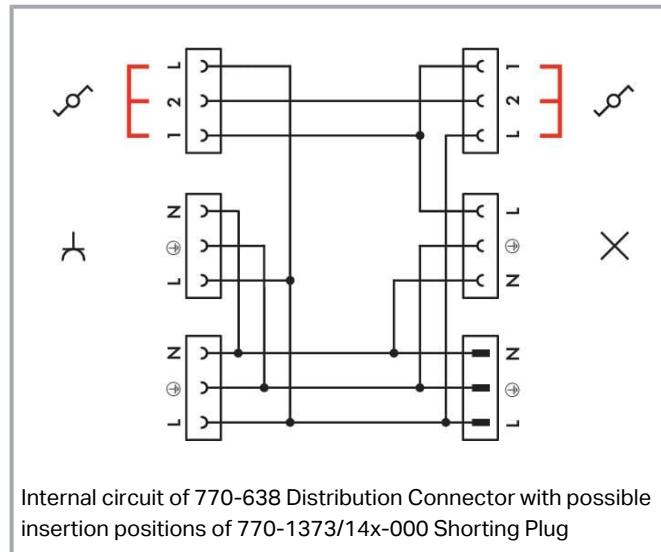
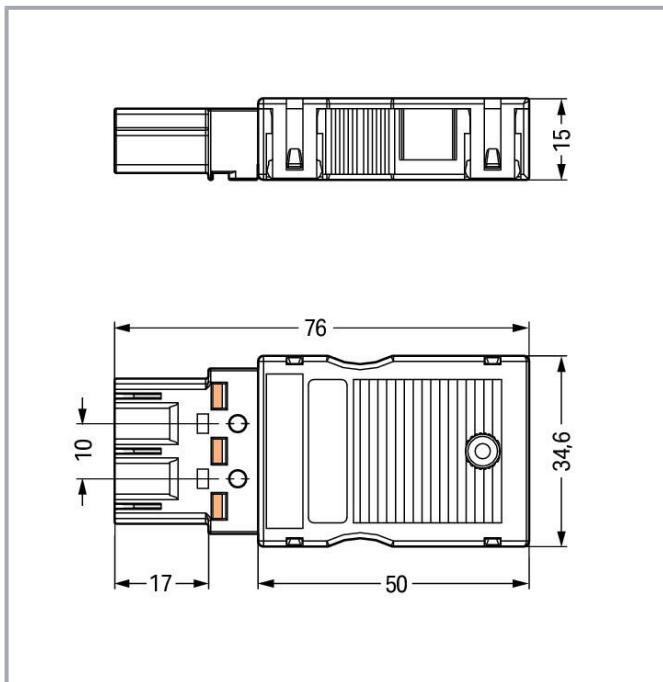


Color: ■



Internal circuit of 770-638 Distribution Connector with possible  
insertion positions of 770-1373/14x-000 Shorting Plug

Subject to changes. Please also observe the further product documentation!



## Item description

### Jumper WINSTA® MIDI with protection against mismating

The jumper from the WINSTA® MIDI product line with protection type IP20 is the sophisticated solution for reliable electrical installation. With WAGO, you can enjoy the advantages of a large selection of accessories for the WINSTA® product line. The coding options reduce installation errors, allowing fast, secure wiring of all components. The accessory is protected against ingress by solid objects in accordance with protection type IP20 (When mated and secured with a strain relief housing: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). WINSTA® MIDI accessories with S coding in brown are mostly used in AC applications. This accessory can be used for electrical currents up to 25 A. Thus the product is also suitable for high power loads. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the integrated test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and expense.

### WINSTA® MIDI solutions for your electrical installation – protected against mismating and maintenance-free

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also lower installation costs without compromising quality and safety: with protection against mismating reduces the need for servicing and prevents unnecessary downtime.



—  
Subject to changes. Please also observe the further product documentation!

- accessories with protection against mismatching
- for automation controllers
- with S coding for AC applications of distributed components
- convenient installation and commissioning

## Data

### Electrical data

#### Ratings per IEC/EN

Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

#### Ratings per UL 1977

Rated voltage (UL 1977)	600 V
Rated current UL 1977	23 A

### Connection data

#### Connection 1

Connection technology	Push-in CAGE CLAMP®
Pole number	3

### Physical data

Pin spacing	10 mm / 0.394 inches
Width	34.6 mm / 1.362 inches
Height	15 mm / 0.591 inches
Depth	76 mm / 2.992 inches

### Mechanical Data

Internal wiring	4 mm <sup>2</sup>
Application	Switching function
Coding	S
Variable coding	No
Marking	□ □

Subject to changes. Please also observe the further product documentation!

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)
Protection type	IP20; When mated and secured with a strain relief housing: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
Suitable	for distribution connectors; series and two-way circuits

### Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for pluggable connector
Mismating protection	Yes
Locking lever	no
Strain relief	strain relief housing

### Material data

#### Note (material data)

Information on material specifications can be found here

Color	brown
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper or copper alloy; surface-treated
Fire load	7.084 MJ
Connector color	brown
Weight	27.8 g

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

### Commercial data

eCl@ss 10.0	27-44-06-05
eCl@ss 9.0	27-44-06-05
ETIM 8.0	EC002560

Subject to changes. Please also observe the further product documentation!

ETIM 7.0	EC002560
PU (SPU)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454148300
Customs tariff number	85366990990

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	71- 123228
	CCA DEKRA Certification B.V.	IEC 61535	NL -84761
	cURus Underwriters Laboratories Inc.	UL 1059	E 45172

#### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

#### Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1868589- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

Subject to changes. Please also observe the further product documentation!



LR  
Lloyds Register

IEC 61984

LR22429487TA



## Required accessories

### Cover

Cover



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

[www.wago.com/770-360](http://www.wago.com/770-360)

## Downloads

### Documentation

#### Bid Text

770-1373/149-000	2019 Feb 19	xml	<a href="#">Download</a>
X81 - Datei		2.9 kB	
770-1373/149-000	2015 Mar 12	doc	<a href="#">Download</a>
doc - Datei		23.0 kB	

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 770-1373/149-000	URL	<a href="#">Download</a>
WSCAD Universe 770-1373/149-000	URL	<a href="#">Download</a>
WSCAD Universe 770-1373/149-000	URL	<a href="#">Download</a>
EPLAN Data Portal 770-1373/149-000	URL	<a href="#">Download</a>

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

## Environmental Product Compliance

### Compliance Search

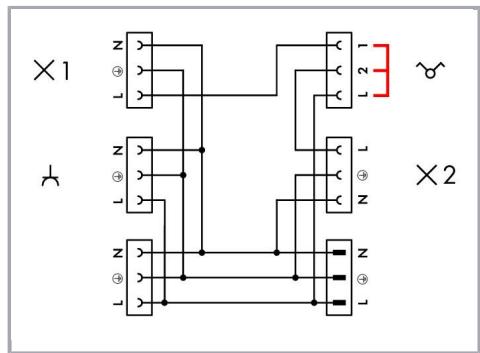
Environmental Product Compliance 770-1373/149-000

[URL](#)

[Download](#)

Shorting plug; with assembled strain relief housing; 3-pole; Cod. S; Bridge 1-2, 2-L;  
4,00 mm<sup>2</sup>; brown

## Installation Notes



Internal circuit of 770-637 Distribution  
Connector with possible insertion position of  
770-1373/14x-000 Shorting Plug

## Product family

**WINSTA® MIDI**

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!

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