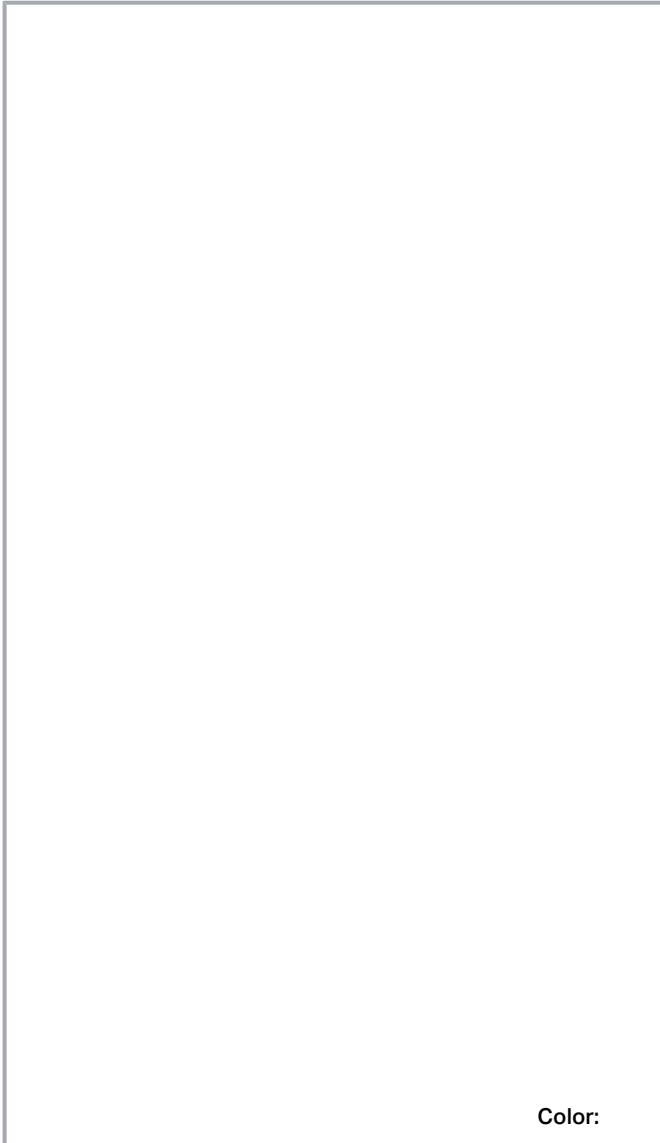


Data sheet | Item number: 770-902

Intermediate coupler; 5-pole/3-pole; Cod. A; L2 - L; black

www.wago.com/770-902



Color:

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

Distribution connector *WINSTA*® MIDI 5-pole

For signal and power transmission: The *WINSTA*® MIDI distribution connector rated current 25 A. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in numerous possible uses. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including 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!)). Thanks to the color coding and mechanical A coding of *WINSTA*® MIDI pluggable installation connectors, you can clearly distinguish different circuits. This pluggable installation connector can be employed for a current load of up to 25 A. Thus, it can also be used for high power loads. The *WINSTA*® MIDI product line offers total flexibility for the electrical installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers customization for meeting all installation requirements.

Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® MIDI

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – the *WINSTA*® MIDI pluggable installation connector with locking lever from WAGO makes the installation of electrical components noticeably easier.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with A coding for use in a large number of general mains applications
- flexible installation to save space
- convenient installation and commissioning

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) ± Overvoltage category III / Pollution degree 3

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

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Ratings per IEC/EN 2

Rated voltage (III/3) 2	250 V
Rated surge voltage (III/3) 2	4 kV

Ratings per UL 1977

Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.
Rated voltage (UL 1977)	600 V
Rated current UL 1977	23 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	5
----------------------------	---

Connection 1

Pole number	5
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Physical data

Pin spacing	10 mm / 0.394 inches
Width	53.4 mm / 2.102 inches
Height	13 mm / 0.512 inches
Depth	53.4 mm / 2.102 inches

Mechanical Data

Application	General mains applications
Coding	A
Variable coding	Yes
Marking	L2 - L $\frac{1}{2}$ 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: > 80 N

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



Unmating force of a plug-in connection	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Type of distribution box	Intermediate coupler
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
Suitable	5- to 3-pole; L2 - L

Plug-in connection

Contact type (pluggable connector)	Socket/plug
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	yes
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	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.411 MJ
Weight	16.9 g

Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C

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

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Note on continuous operating temperature

Insulating parts for temperatures ≤ 105 °C

Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454424633
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E 45172

Optional accessories

Cover

Cover	
Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow	www.wago.com/770-360
Item no.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black	www.wago.com/770-201
Item no.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white	www.wago.com/770-221

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

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Downloads Documentation

Bid Text

770-902 X81 - Datei	2019 年2月19 日	xml 2.8 kB	Download
770-902 doc - Datei	2014 年12月10 日	doc 24.1 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 770-902	URL	Download
ZUKEN Portal 770-902	URL	Download
EPLAN Data Portal 770-902	URL	Download

CAD data

2D/3D Models 770-902	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-902 Intermediate coupler; 5-pole/3-pole; Cod. A; L2 - L; black	URL	Download
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Installation Notes

Product family

WINSTA® MIDI
[Show all products from the family](#)

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