

**Data sheet | Item number: 770-319**

Snap-in frame; 4-pole; 1.0 ... 3.0 mm; black

[www.wago.com/770-319](http://www.wago.com/770-319)



**Color:**



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.



Plate thickness: 1 ... 3 mm

Cutout tolerance: + 0.1 mm

Please see note below!

## Item description

### Mounting accessories *WINSTA*® MIDI 4-pole

Implement the electrical installation easily and quickly: The mounting accessories from the *WINSTA*® MIDI product line is the product of your choice for error-free electrical installation. With WAGO, you benefit from a large selection of expansions for the *WINSTA*® product line. *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 and

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maximally flexible installation.

## Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI accessories with protection against mismatching from WAGO.

- 
- for automation controllers
- rapid, structured electrical installation

### Data

#### Notes

Note	The snap-in connectors must be relieved of tensile and transverse forces. A surface finish can influence the edge radius of the cutouts. This may affect the snap-in socket fit, so ensure an adequate fit before use. In addition, the punched edge should be on the inside for punched cutouts. The wings of the snap-in connectors must not be mechanically stressed for a long period before use (e.g., due to a pre-locking position).
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### Connection data

#### Connection 1

Pole number	4
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### Physical data

Width	45.5 mm / 1.791 inches
Height	18.5 mm / 0.728 inches
Depth	37.2 mm / 1.465 inches

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## Mechanical Data

Housing sheet thickness	1 ... 3 mm / 0.039 ... 0.118 inches
Mounting type	Snap-in flange
Suitable	for socket and plug

## Material Data

Note (material data)	Information on material specifications can be found here
Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.128 MJ
Weight	4.3 g

## Environmental requirements

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

## Commercial data

eCl@ss 10.0	27-44-06-92
eCl@ss 9.0	27-44-06-92
ETIM 8.0	EC002863
ETIM 7.0	EC002863
PU (SPU)	100 pcs
Packaging type	Foil
Country of origin	DE
GTIN	4055143404945
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

### Locking levers

Locking system

Item no.: 770-140

Locking lever; for sockets and plugs; for tool operation; gray

[www.wago.com/770-140](http://www.wago.com/770-140)

## Downloads

### Documentation

#### Bid Text

770-319 X81 - Datei	2019 年2月19 日	xml 2.6 kB	Download
770-319 doc - Datei	2017 年4月13 日	doc 24.1 kB	Download

## CAD/CAE-Data

### CAE data

ZUKEN Portal 770-319	URL	Download
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### CAD data

2D/3D Models 770-319	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 770-319 Snap-in frame; 4-pole; 1.0 ... 3.0 mm; black	URL	Download
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## Installation Notes

### Installation

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Insert the socket or plug into the frame  
(observe the "TOP" marking on the frame!),  
then snap the assembled unit into the cutout.

Snap the assembled unit into the cutout.

## Product family

**WINSTA® MIDI**

[Show all products from the family](#)

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