

**Item description**

**Note:**

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).

**Data**

**Electrical data**

**Ratings per IEC/EN 60664-1**

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

**Connection data**

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool



	Push-in
Nominal cross section	1.5 mm <sup>2</sup>
Solid conductor	0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG
Solid conductor, push-in termination	0.75 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Stranded conductor	0.25 ... 1 mm <sup>2</sup> / 22 ... 18 AWG
Fine-stranded conductor	0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.75 mm <sup>2</sup> / 22 ... 20 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 0.75 mm <sup>2</sup> / 22 ... 20 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.75 mm <sup>2</sup> / 20 AWG
Strip length	9 mm / 0.35 Inch
Note (strip length)	see also packaging or instructions
No. of poles	3
Total number of connection points	3
Total number of potentials	3
Ground function	with preceding GND contact
Conductor entry direction to mating direction	0°

### Geometrical Data

Pin spacing	4.4 mm (0.173 inch)
Width	24.2 mm / 0.953 inch
Height	16 mm / 0.63 inch
Depth	39.85 mm / 1.569 inch

### Mechanical data

Coding	A
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)
Gehäuseblechstärke	0.5 ... 2 mm / 0.02 ... 0.079 inch
Mounting type	Snap-in
Marking	L N
Degree of protection	IP20
Potential marking	L N

### Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

## Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy, surface-treated
Fire load	0.138 MJ
Weight	5.5 g

## Environmental Requirements


Surrounding air (operating) temperature	-35 ... 85 °C
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## Commercial data



Country of origin	PL
GTIN	4045454233464
Product Group	20 (WINSTA)

## Approvals / Certificates


### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2182129.01
	CCA DEKRA Certification B.V.	NL-35632

### Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241513-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001Z6

### UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45171

## Compatible products

### protection

Item no.: 890-643

Lockout cap; for cutout; 3-pole

[www.wago.com/890-643](http://www.wago.com/890-643)

Item no.: 890-693

Lockout cap; for cutout; 3-pole

[www.wago.com/890-693](http://www.wago.com/890-693)

### tools



Item no.: 210-719

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

[www.wago.com/210-719](http://www.wago.com/210-719)



Item no.: 890-383

Operating tool; 3-way

[www.wago.com/890-383](http://www.wago.com/890-383)

## Downloads

### Documentation

#### Bid Text

890-713

19-Sep-2016

DOC

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WINSTA MINI 3-polig

23.0 kB

### smartDATA

#### CAD data

3D Download 890-713

URL

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Subject to changes.

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Do you have any questions about our products?

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