

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)	400 V
Rated impulse voltage (III / 3)	6 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 ²
Solid conductor	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Solid conductor, push-in termination	0.75 ... 1.5 mm ² / 20 ... 16 AWG



Stranded conductor	0.25 ... 1 mm ² / 22 ... 18 AWG
Fine-stranded conductor	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.75 mm ² / 22 ... 20 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 0.75 mm ² / 22 ... 20 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.75 mm ² / 20 AWG
Strip length	9 mm / 0.35 Inch
Note (strip length)	see also packaging or instructions
No. of poles	5
Total number of connection points	5
Total number of potentials	5
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	4.4 mm (0.173 inch)
Width	23.6 mm / 0.929 inch
Height	11.7 mm / 0.461 inch
Depth	34.1 mm / 1.343 inch

Mechanical data

Coding	I
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)
Marking	N L - +
Degree of protection	IP20
Potential marking	N L - +

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Color	blue
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	0.115 MJ
Weight	6 g

Environmental Requirements

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



Country of origin	PL
GTIN	4055143548588
Customs Tariff No.	85366990990
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

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



Item no.: 890-385
Operating tool; 5-way

www.wago.com/890-385

Locking lever



Item no.: 890-101
Locking lever; manually operated

www.wago.com/890-101

Item no.: 890-111
Locking lever; for tool operation; for "flying leads"

www.wago.com/890-111



Item no.: 890-121
Locking lever; manually operated

www.wago.com/890-121

Item no.: 890-131
Locking lever; for tool operation; for "flying leads"

www.wago.com/890-131

assembling



Item no.: 890-310
Mounting carrier; for "flying leads"; 2- to 5-pole

www.wago.com/890-310



Item no.: 890-311
Mounting carrier; for "flying leads"; 2- to 5-pole

www.wago.com/890-311

Strain relief plate



Item no.: 890-505
Strain relief housing; 5-pole; with locking clip; for 1 cable; 6.5 ... 10.5 mm; 45 mm

www.wago.com/890-505



Item no.: 890-515
Strain relief housing; 5-pole; with locking clip; for 1 cable; 6.5 ... 10.5 mm; 45 mm

www.wago.com/890-515

shield connection



Item no.: 890-526
Shield connecting plate

www.wago.com/890-526

Downloads

Documentation

Bid Text

890-1105
WINSTA MINI 5-polig

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DOC
23.6 kB

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smartDATA

CAD data



3D Download 890-1105

URL

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Subject to changes.

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