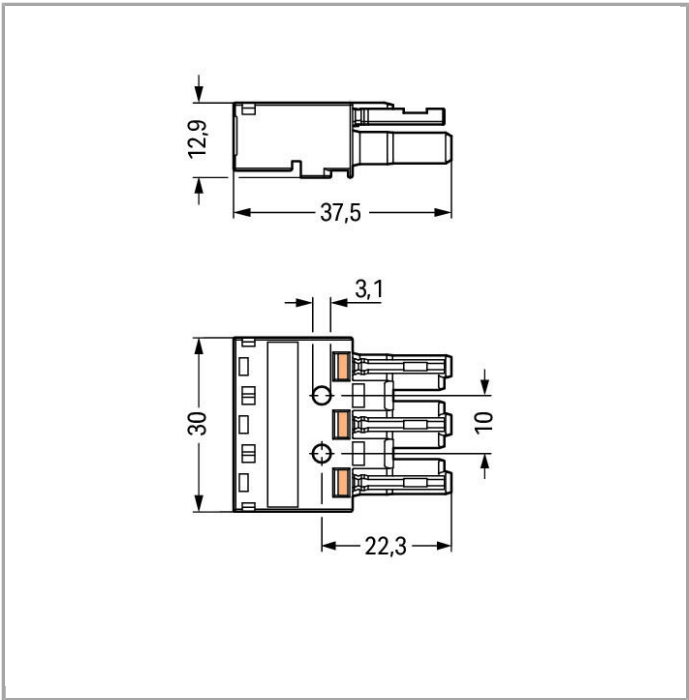
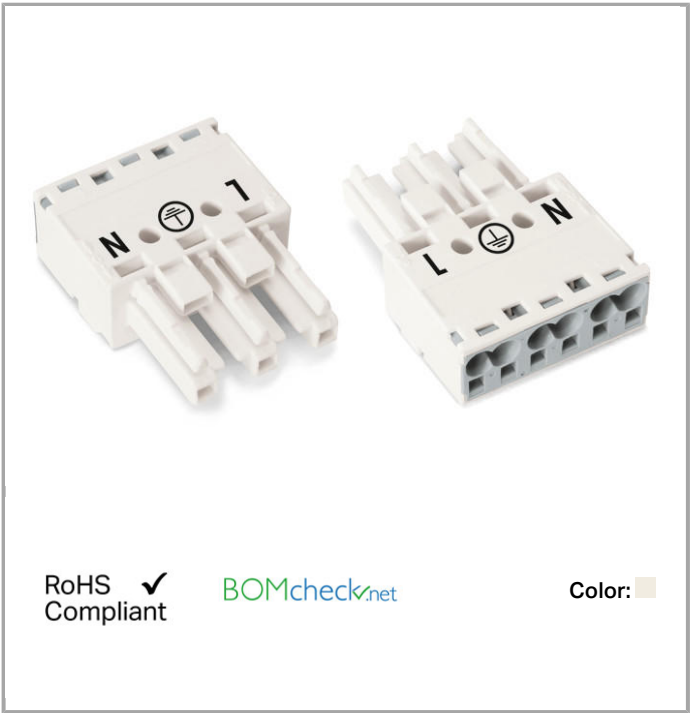




Item description

White coding A (L N)

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	25 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	4 mm²
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Solid conductor, push-in termination	1.5 ... 4 mm² / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm² / 20 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor with ferrule, push-in termination, from	1.5 mm² / 16 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	6
Total number of potentials	3
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	30 mm / 1.181 inch
Height	12.9 mm / 0.508 inch
Depth	37.5 mm / 1.476 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)
Marking	L N
Degree of protection	IP20
Potential marking	L N

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
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Material Data

Color	white
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	0.161 MJ
Weight	9.555 g

Environmental Requirements

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

Country of origin	DE
GTIN	4044918252362
Customs Tariff No.	85366990990
Product Group	20 (WINSTA)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2173495.02
	CCA DEKRA Certification B.V.	NL-32105
	VDE VDE Prüf- und Zertifizierungsinstitut	40002889

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241528-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001Z6



LR
Lloyds Register

02/20050 (E6)

UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45171 Sec. 9

Compatible products protection

Item no.: 770-201 Lockout cap; for socket; 12-pole; separable	www.wago.com/770-201
Item no.: 770-221 Lockout cap; for socket; 12-pole; separable	www.wago.com/770-221

Locking lever

Item no.: 770-101 Locking lever; manually operated; for "flying leads"	www.wago.com/770-101
 Item no.: 770-111 Locking lever; tool operated; for "flying leads"	www.wago.com/770-111
 Item no.: 770-121 Locking lever; manually operated; for "flying leads"	www.wago.com/770-121
 Item no.: 770-131 Locking lever; tool operated; for "flying leads"	www.wago.com/770-131

Strain relief plate

 Item no.: 770-503 Strain relief housing; 3-pole; for 2 cables; 8.0 ... 11.5 mm; 55 mm	www.wago.com/770-503
Item no.: 770-503/021-000 Strain relief housing; 3-pole; for 1 cable; 9.0 ... 13.0 mm; 71 mm	www.wago.com/770-503/021-000
 Item no.: 770-503/023-000 Strain relief housing; 3-pole; for 2 cables; 4.5 ... 8.0 mm; 55 mm	www.wago.com/770-503/023-000

**Item no.: 770-503/032-000**

Strain relief housing; 3-pole; with locking clip; for 2 cables; 8.0 ... 11.5 mm; 55 mm

www.wago.com/770-503/032-000**Item no.: 770-503/035-000**

Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

www.wago.com/770-503/035-000**Item no.: 770-503/038-000**

Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

www.wago.com/770-503/038-000**Item no.: 770-513**

Strain relief housing; 3-pole; for 1 cable; 8.0 ... 11.5 mm; 55 mm

www.wago.com/770-513**Item no.: 770-513/021-000**

Strain relief housing; 3-pole; for 1 cable; 9.0 ... 13.0 mm; 71 mm

www.wago.com/770-513/021-000**Item no.: 770-513/023-000**

Strain relief housing; 3-pole; for 2 cables; 4.5 ... 8.0 mm; 55 mm

www.wago.com/770-513/023-000**Item no.: 770-513/032-000**

Strain relief housing; 3-pole; for 2 cables; 8.0 ... 11.5 mm; 55 mm

www.wago.com/770-513/032-000**Item no.: 770-513/035-000**

Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

www.wago.com/770-513/035-000**Item no.: 770-513/038-000**

Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

www.wago.com/770-513/038-000**shield connection****Item no.: 770-523**

Shield connecting plate; for 3-pole plugs and sockets

www.wago.com/770-523**tools****Item no.: 210-720**

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

www.wago.com/210-720**Item no.: 770-383**

Operating tool; 3-way

www.wago.com/770-383**Marking accessories****Item no.: 770-450**

Marker card; for manual marking

www.wago.com/770-450**Item no.: 770-450/000-001**

Marker card; for manual marking

www.wago.com/770-450/000-001



Item no.: 770-450/000-002
Marker card; for manual marking

www.wago.com/770-450/000-002



Item no.: 770-450/000-005
Marker card; for manual marking

www.wago.com/770-450/000-005



Item no.: 770-450/000-006
Marker card; for manual marking

www.wago.com/770-450/000-006



Item no.: 770-450/000-012
Marker card; for manual marking

www.wago.com/770-450/000-012

Downloads

Documentation

Bid Text

770-223	Feb 1, 2016	DOC	Download
WINSTA MIDI 3-polig		24.1 kB	

smartDATA

CAD data

3D Download 770-223	URL	Download
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Subject to changes.