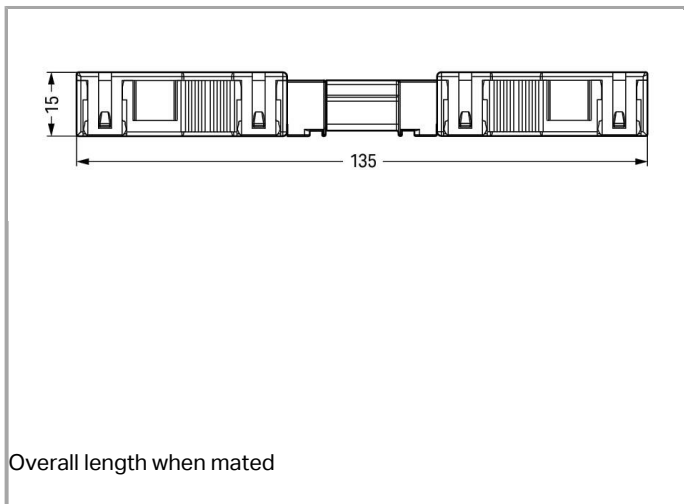
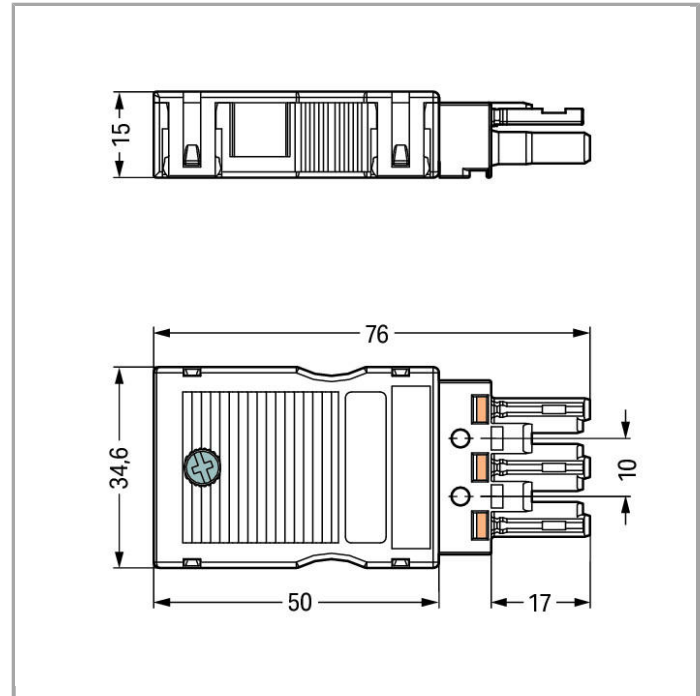
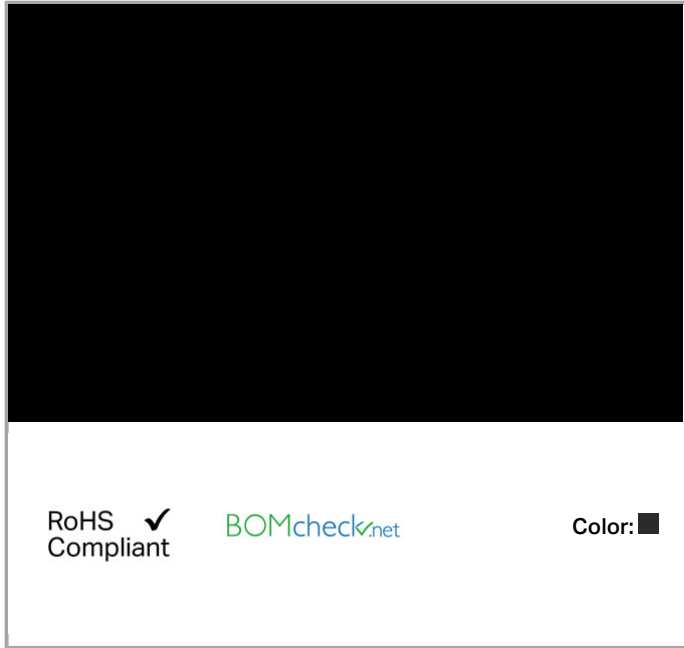


Data sheet | Item number: 770-103

Socket; with strain relief housing; 3-pole; Cod. A

www.wago.com/770-103



Item description

Black 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) $\triangleq$ 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
Connectable sheathed cable diameter	8 ... 11.5 mm
Conductor entry direction to mating direction	0°
Abmantelllänge	55 mm
Number of test slots	3

Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	34.6 mm / 1.362 inch
Height	15 mm / 0.591 inch
Depth	75.9 mm / 2.988 inch

Mechanical data

Coding	A
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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	IP 2xC
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
Strain relief	Strain relief housing

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	0.421 MJ
Strain relief color	black
Weight	20 g

Environmental Requirements

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

Country of origin	DE
GTIN	4044918252096
Customs Tariff No.	85366990990
Product Group	20 (WINSTA)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NL-32105
	CCA	2173495.02

DEKRA Certification B.V.



VDE
VDE Prüf- und Zertifizierungsinstitut

40029808

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

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

Locking lever



Item no.: 770-101
Locking lever; manually operated; for "flying leads"

www.wago.com/770-101

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**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**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**

770-103

Feb 1, 2016

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WINSTA MIDI 3-polig

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