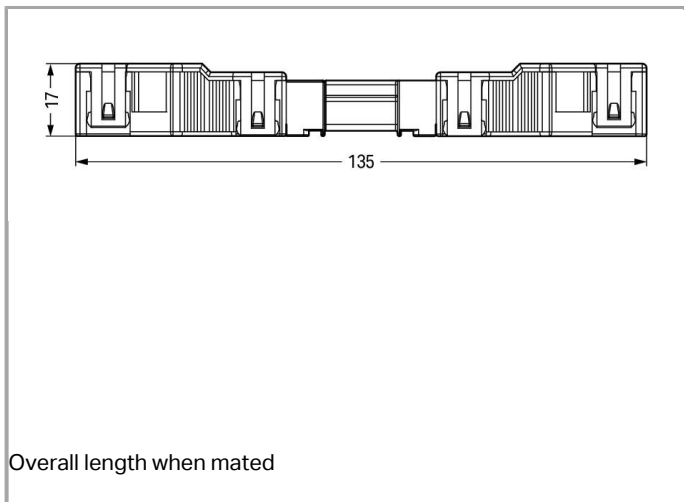
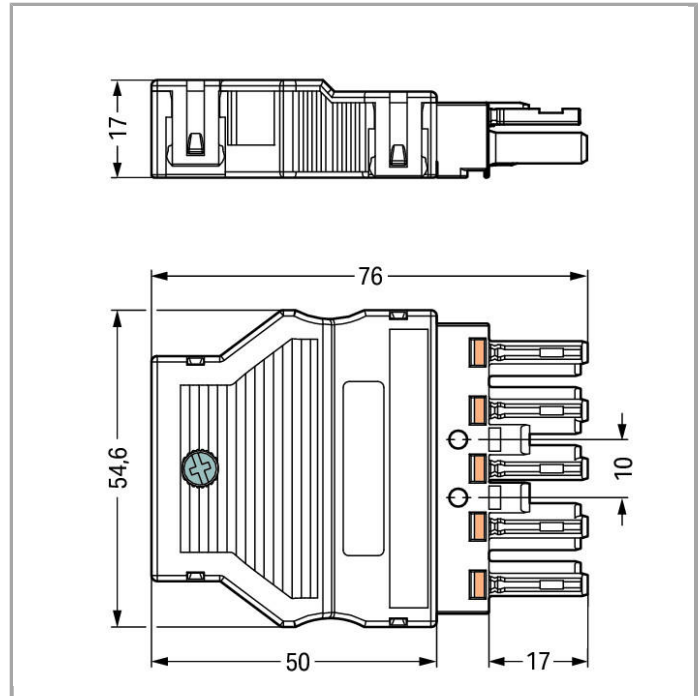
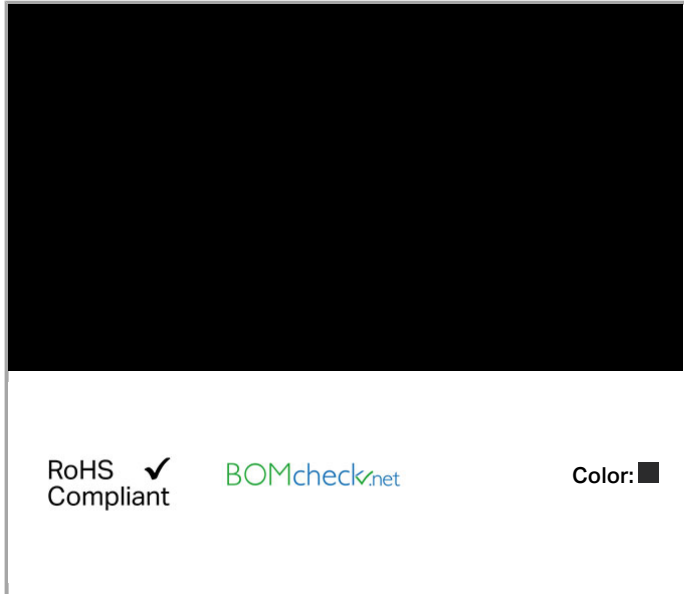


Data sheet | Item number: 770-305

Socket; with strain relief housing; 5-pole; Cod. A

www.wago.com/770-305



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	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	5
Total number of connection points	5
Total number of potentials	5
Connectable sheathed cable diameter	9 ... 13 mm
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	54.6 mm / 2.15 inch
Height	17 mm / 0.669 inch
Depth	75.9 mm / 2.988 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: > 80 N
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)



Marking	N L1 L2 L3
Degree of protection	IP20
Potential marking	N L1 L2 L3

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	0.624 MJ
Weight	29.155 g

Environmental Requirements

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

Country of origin	DE
GTIN	4044918252478
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
	cULus 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

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.: 770-100 Wiring aid; for solid and stranded conductors	www.wago.com/770-100

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

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

770-305	Jan 21, 2016	DOC	Download
WINSTA MIDI 5-polig		24.6 kB	

smartDATA

CAD data

3D Download 770-305	URL	Download
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Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.