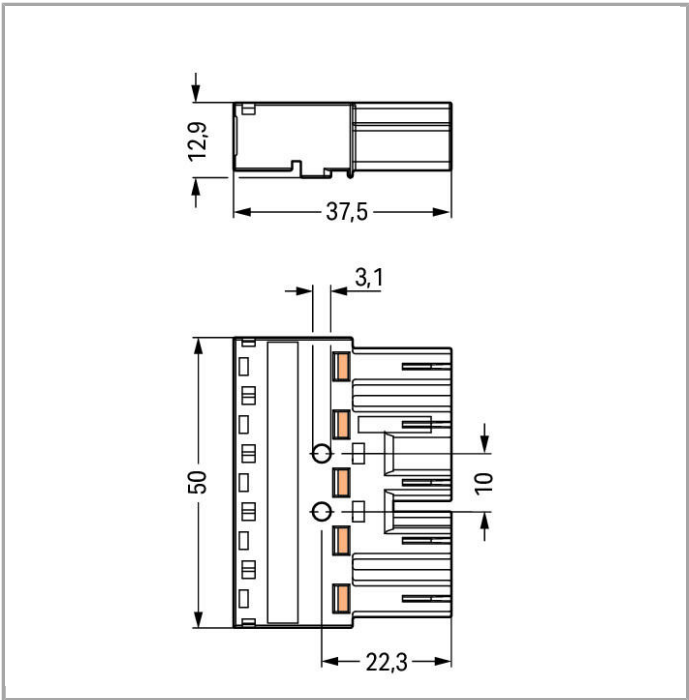
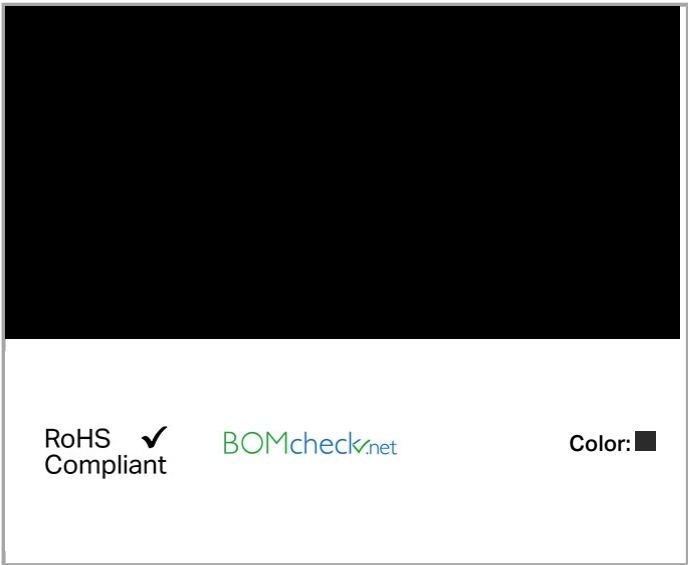




Item description

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) ≙ Overvoltage category III / Pollution degree 3

Connection data

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



	Push-in
Nominal cross section	4 mm ²
Solid conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Solid conductor, push-in termination	1.5 ... 4 mm ² / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded conductor with ferrule, push-in termination, from	1.5 mm ² / 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
Ground function	with preceding GND contact
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	50 mm / 1.969 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	N L1 L2 L3
Degree of protection	IP20
Potential marking	N L1 L2 L3

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	no

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	0.321 MJ
Weight	16.436 g

Environmental Requirements

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

Country of origin	DE
GTIN	4044918254717
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

Coding



Item no.: 770-401
Coding pin; for plugs

www.wago.com/770-401

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

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

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**protection****Item no.: 770-360**

Lockout cap; for plugs; 5-pole; separable

www.wago.com/770-360**Downloads****Documentation****Bid Text**

770-415

Jan 21, 2016

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WINSTA MIDI 5-polig

smartDATA**CAD data**

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Subject to changes.

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