Plug; Snap-in version; 3-pole; 100% protected against mismating

Item No.: 770-713

Plug; Snap-in version; 3-pole; 100% protected against mismating

Marking

RoHS ✓
Compliant

Business data

Supplier	*WAGO*
Item no.	*770-713*
GTIN / EAN	*4044918254199*
Content	*1*

Notes

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).IP20, with strain relief housing(These compact connectors are not designed for use in open, easily accessible areas)All WINSTA® components are 100% protected against mismating in terms of:a.) plugging different number of polesb.) plugging when turned by 180°c.) plugging when laterally staggeredd.) plugging one poleNote on Continuous Service Temperature:-35°C … +85°CPVC cable for temperatures 70 °C (including halogen-free)Insulating parts for temperatures 105 °C
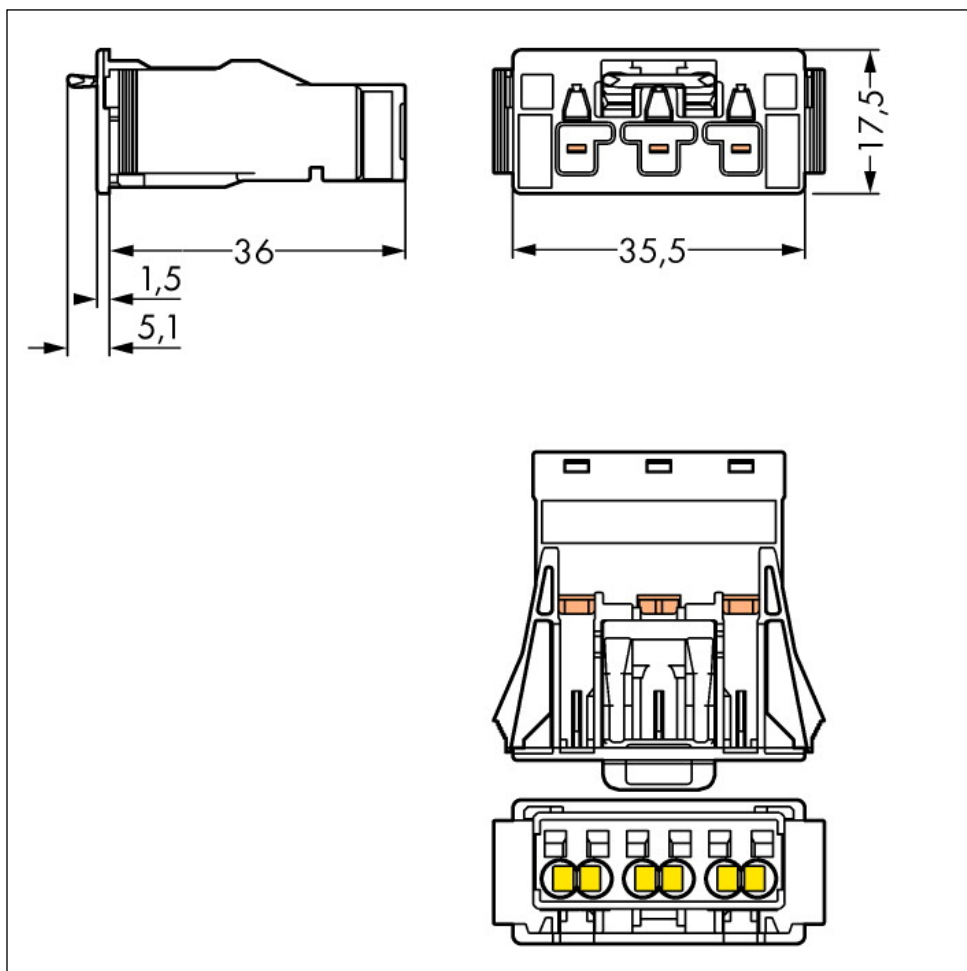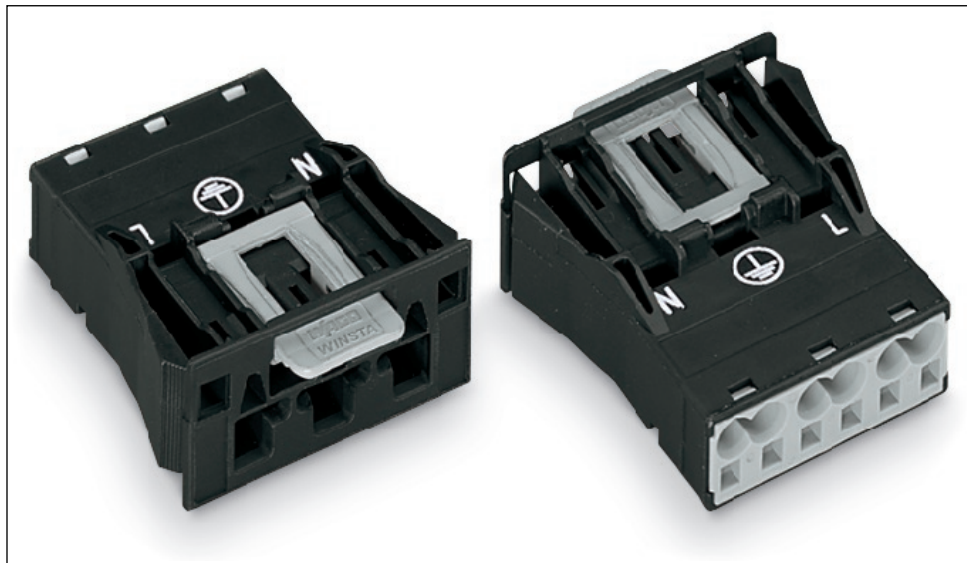
Technical data

Miscellaneous

Technical data	
Ratings per	IEC/EN 60664-1
Rated voltage (III / 3) [V]	250 [V]
Rated impulse voltage (III / 3) [kV]	4 [kV]
Rated current [A]	25 [A]
Legend (ratings)	(III / 3) Overvoltage category III / Pollution degree 3
No. of poles	3
Total number of connection points	6
Total number of potentials	3
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
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, f	1.5 mm² / 16 AWG
Strip length	9 mm / 0.35 Inch
Pin spacing	10 mm (0.394 in)
Width	35.5 mm / 1.398 Inch
Height	17.5 mm / 0.689 Inch
Depth	36 mm / 1.417 Inch
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)
Gehäuseblechstärke	0.5 … 2 mm / 0.02 … 0.079 inch
Mounting type	Snap-in
Marking	L ⏚ N
Degree of protection	IP20
Potential marking	L ⏚ N
Contact type (pluggable connector)	Male connector/plug

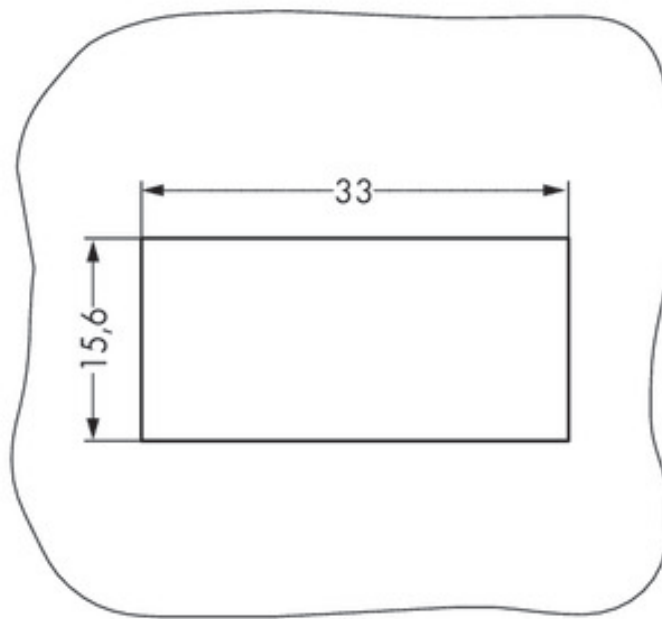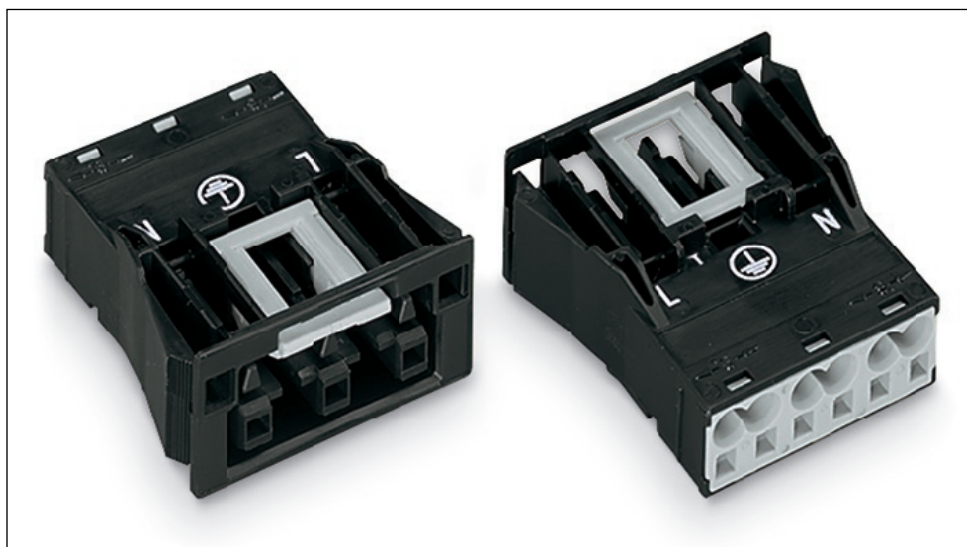| Technical data	
Connector connection type	for conductors
Mismating protection	ja
Locking of plug-in connection	locking lever
Locking lever	yes
Color	black
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy, surface-treated
Fire load [MJ]	0.26 [MJ]
Weight [g]	12.2 [g]
Ambient temperature (operation)	-35 … 85 °C
Processing temperature	-5°C ... +40°C
Pin spacing from [in]	0.394 [in]
Pin spacing from [mm]	10 [mm]
Contact type	Male connector/plug; for conductors
suitable for through-panel applications	ja
Product Family	WINSTA MIDI
Main product function	Male connector/plug
Product type	Pluggable installation connector

Images & drawings

33

15,6

Plate thickness: 0.5 ... 2 mm
Cutout tolerance: + 0.1 mm

Address

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Telefon: 0571/887-0

Fax: 0571/887-169

http://www.wago.com

© WAGO Kontakttechnik GmbH & Co. KG

Technische Änderungen und Irrtümer vorbehalten.