



Plug; Snap-in version; 5-pole

Item No.: 890-715



Plug; Snap-in version; 5-pole

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	890-715
GTIN / EAN	4045454233488
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 mismatching in terms of: a.) plugging different number of poles b.) plugging when turned by 180° c.) plugging when laterally staggered.) plugging one pole
Note on Continuous Service Temperature: -35°C ... +85°C
PVC cable for temperatures 70 °C (including halogen-free) Insulating parts for temperatures 105 °C

Technical data

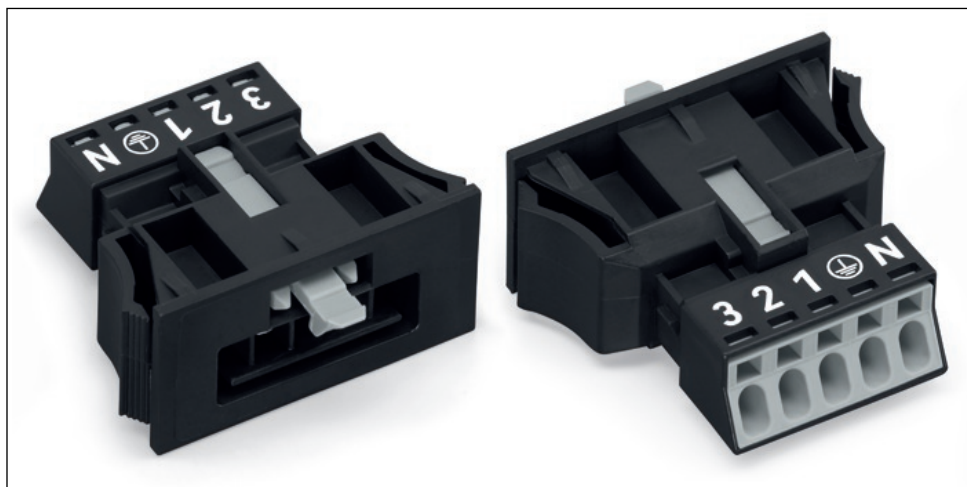
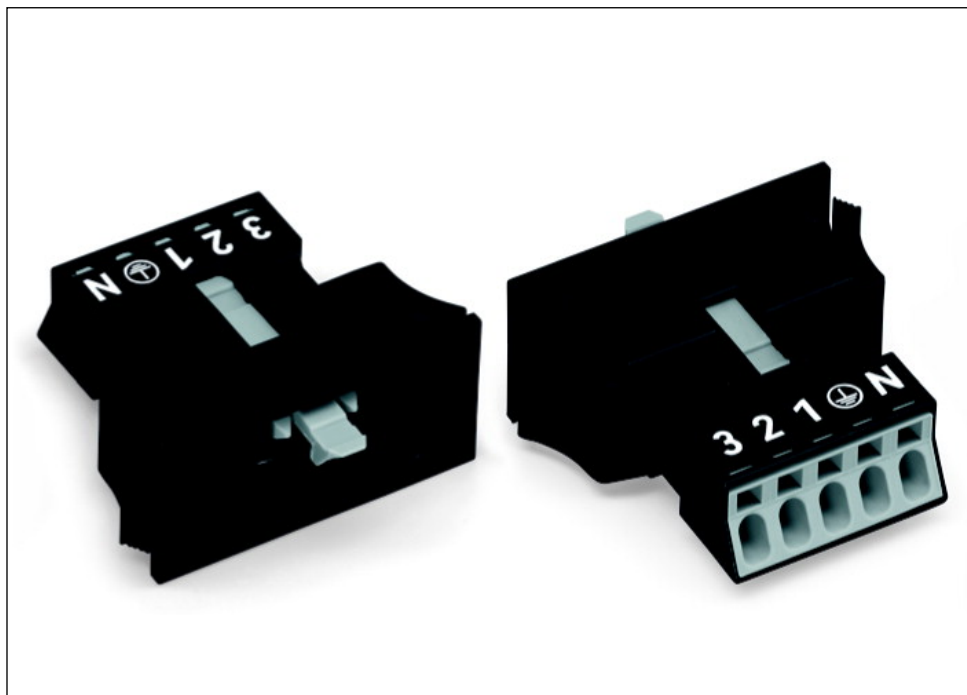
Miscellaneous

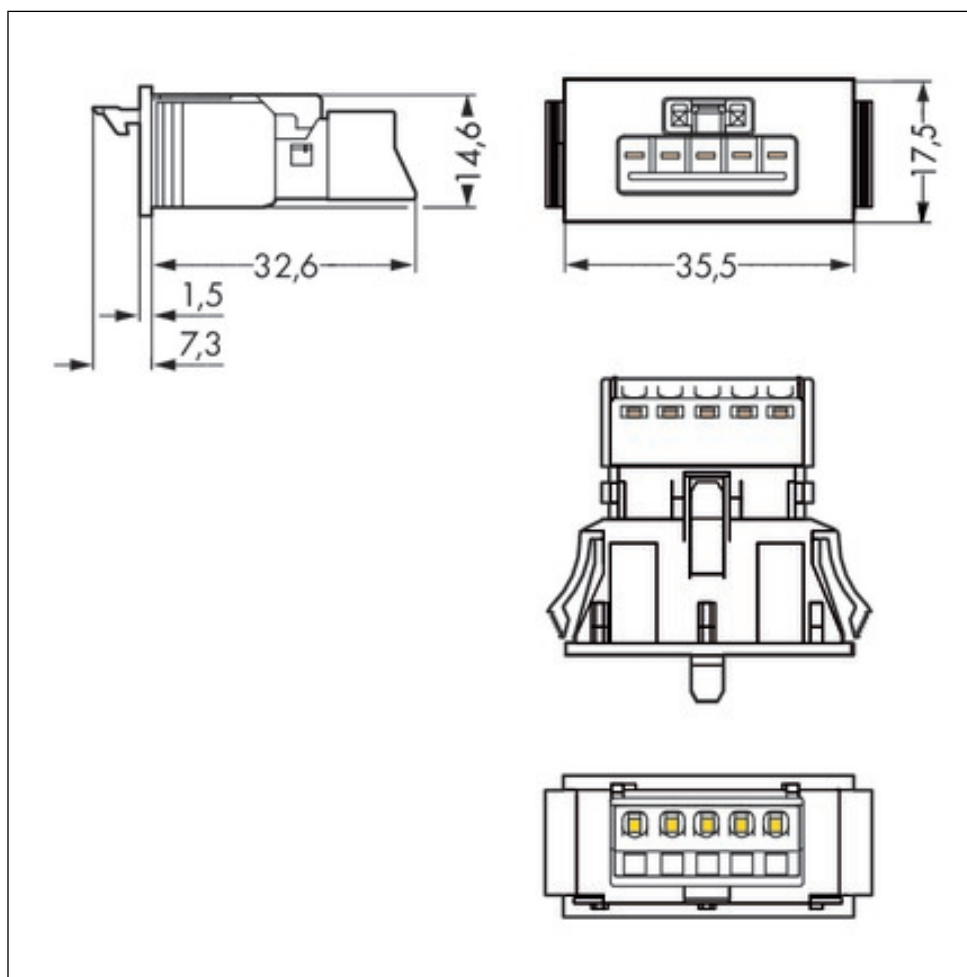
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Technical data	
<i>Ratings per</i>	<i>IEC/EN 60664-1</i>
<i>Rated voltage (III / 3) [V]</i>	<i>400 [V]</i>
<i>Rated impulse voltage (III / 3) [kV]</i>	<i>6 [kV]</i>
<i>Rated current [A]</i>	<i>13 [A]</i>
<i>Legend (ratings)</i>	<i>(III / 3) Overvoltage category III / Pollution degree 3</i>
<i>No. of poles</i>	<i>5</i>
<i>Total number of connection points</i>	<i>5</i>
<i>Total number of potentials</i>	<i>5</i>
<i>Connection technology</i>	<i>Push-in CAGE CLAMP®</i>
<i>Actuation type</i>	<i>Operating tool</i>
<i>Nominal cross section</i>	<i>1.5 mm²</i>
<i>Solid conductor</i>	<i>0.25 ... 1.5 mm² / 22 ... 16 AWG</i>
<i>Solid conductor, push-in termination</i>	<i>0.75 ... 1.5 mm² / 20 ... 16 AWG</i>
<i>Stranded conductor</i>	<i>0.25 ... 1 mm² / 22 ... 18 AWG</i>
<i>Fine-stranded conductor</i>	<i>0.25 ... 1.5 mm² / 22 ... 16 AWG</i>
<i>Fine-stranded conductor with ferrule with plastic collar</i>	<i>0.25 ... 0.75 mm² / 22 ... 20 AWG</i>
<i>Fine-stranded conductor with ferrule without plastic collar</i>	<i>0.25 ... 0.75 mm² / 22 ... 20 AWG</i>
<i>Fine-stranded conductor with ferrule, push-in termination, f</i>	<i>0.75 mm² / 20 AWG</i>
<i>Strip length</i>	<i>9 mm / 0.35 Inch</i>
<i>Pin spacing</i>	<i>4.4 mm (0.173 in)</i>
<i>Width</i>	<i>35.5 mm / 1.398 Inch</i>
<i>Height</i>	<i>17.5 mm / 0.689 Inch</i>
<i>Depth</i>	<i>39.85 mm / 1.569 Inch</i>
<i>Coding</i>	<i>A</i>
<i>Mating force of a plug-in connection</i>	<i>approx. 20 ... 70 N (depending on pole number)</i>
<i>Retention force of a plug-in connection</i>	<i>when locked: > 80N</i>
<i>Unmating force of a plug-in connection</i>	<i>when unlocked: approx. 20 ... 70 N (depending on pole number)</i>
<i>Gehäuseblechstärke</i>	<i>0.5 ... 2 mm / 0.02 ... 0.079 inch</i>
<i>Mounting type</i>	<i>Snap-in</i>
<i>Marking</i>	<i>N &#9178; 1 2 3</i>
<i>Degree of protection</i>	<i>IP20</i>
<i>Potential marking</i>	<i>N &#9178; 1 2 3</i>
<i>Contact type (pluggable connector)</i>	<i>Male connector/plug</i>

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]	0.192 [MJ]
Weight [g]	9.942 [g]
Ambient temperature (operation)	-35 ... 85 °C
Processing temperature	-5°C ... +40°C
Pin spacing from [in]	0.173 [in]
Pin spacing from [mm]	4.4 [mm]
Contact type	Male connector/plug; for conductors
suitable for through-panel applications	ja
Product Family	WINSTA MINI
Main product function	Male connector/plug
Product type	Pluggable installation connector

Images & drawings





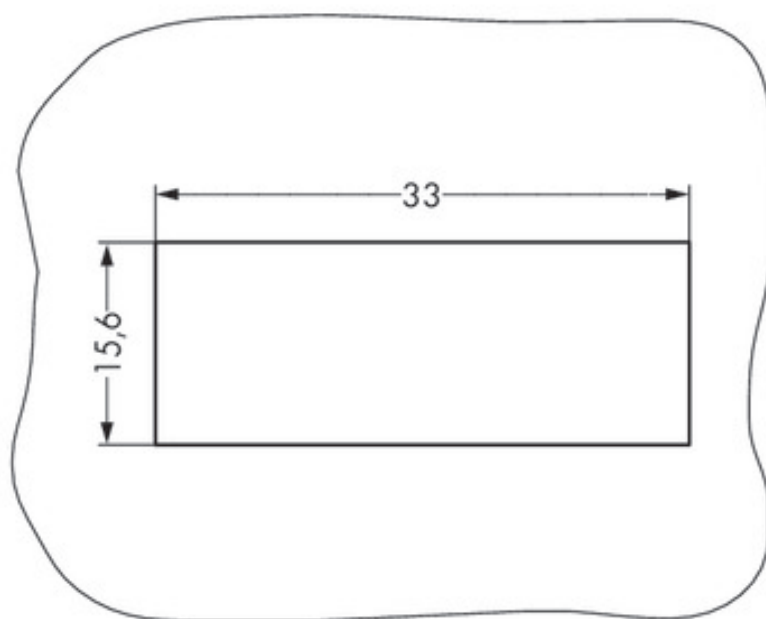
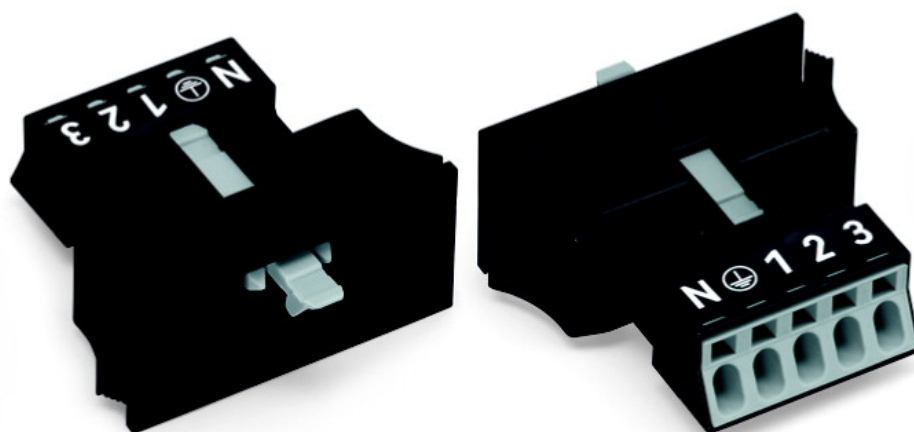


Plate thickness: 0.5 ... 2 mm
Cutout tolerance: + 0.1 mm



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Technische Änderungen und Irrtümer vorbehalten.