



Socket; without strain relief housing; 3-pole

Item No.: 890-203



Socket; without strain relief housing; 3-pole

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	890-203
GTIN / EAN	4055143548519
Content	1
Order amount	50
Customer item number	

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 d.) 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

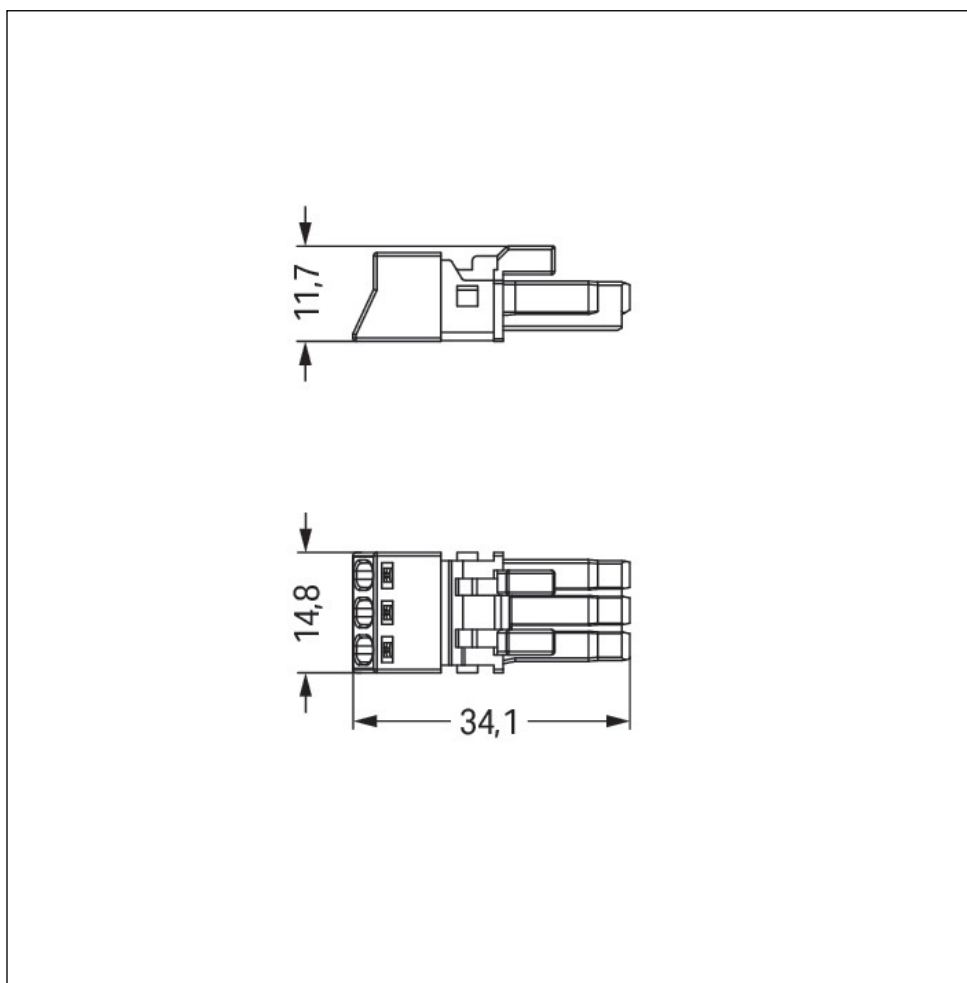
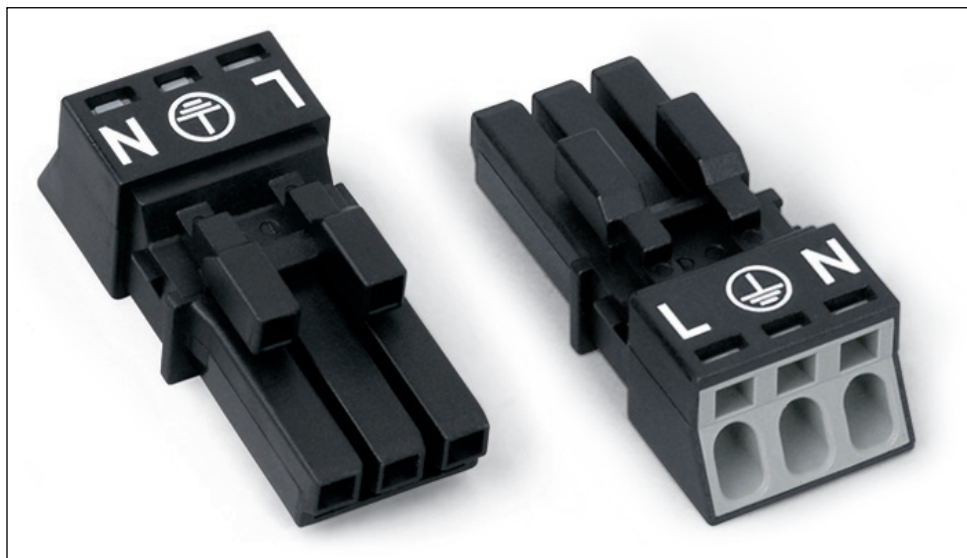
Miscellaneous

Connection technology	Push-in CAGE CLAMP®
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Technical data	
<i>Actuation type</i>	<i>Operating tool</i>
<i>Nominal cross section</i>	1.5 mm ²
<i>Solid conductor</i>	0.25 ... 1.5 mm ² / 22 ... 16 AWG
<i>Solid conductor, push-in termination</i>	0.75 ... 1.5 mm ² / 20 ... 16 AWG
<i>Stranded conductor</i>	0.25 ... 1 mm ² / 22 ... 18 AWG
<i>Fine-stranded conductor</i>	0.25 ... 1.5 mm ² / 22 ... 16 AWG
<i>Fine-stranded conductor with ferrule with plastic collar</i>	0.25 ... 0.75 mm ² / 22 ... 20 AWG
<i>Fine-stranded conductor with ferrule without plastic collar</i>	0.25 ... 0.75 mm ² / 22 ... 20 AWG
<i>Fine-stranded conductor with ferrule, push-in termination, f</i>	0.75 mm ² / 20 AWG
<i>Strip length</i>	9 mm / 0.35 Inch
<i>No. of poles</i>	3
<i>Total number of connection points</i>	3
<i>Total number of potentials</i>	3
<i>Pin spacing</i>	4.4 mm (0.173 in)
<i>Width</i>	15 mm / 0.591 in
<i>Height</i>	11.7 mm / 0.461 in
<i>Depth</i>	34.1 mm / 1.343 in
<i>Coding</i>	A
<i>Mating force of a plug-in connection</i>	approx. 20 ... 70 N (depending on pole number)
<i>Retention force of a plug-in connection</i>	when locked: > 80N
<i>Unmating force of a plug-in connection</i>	when unlocked: approx. 20 ... 70 N (depending on pole number)
<i>Marking</i>	L ⏚ N
<i>Degree of protection</i>	IP20
<i>Potential marking</i>	L ⏚ N
<i>Contact type (pluggable connector)</i>	Female connector/socket
<i>Connector connection type</i>	for conductors
<i>Mismating protection</i>	Yes
<i>Locking of plug-in connection</i>	locking lever
<i>Locking lever</i>	no
<i>Color</i>	black
<i>Insulating material</i>	Polyamide 66 (PA 66)
<i>Flammability class per UL94</i>	V0
<i>Clamping spring material</i>	Chrome nickel spring steel (CrNi)

Technical data	
<i>Contact material</i>	<i>Copper or copper alloy, surface-treated</i>
<i>Fire load [MJ]</i>	<i>0.072 [MJ]</i>
<i>Weight [g]</i>	<i>3.8 [g]</i>
<i>Surrounding air (operating) temperature</i>	<i>-35 ... 85 °C</i>
<i>Processing temperature</i>	<i>-5°C ... +40°C</i>
<i>Continuous operating temperature from [°C]</i>	<i>-35 [°C]</i>
<i>Continuous operating temperature up to [°C]</i>	<i>85 [°C]</i>
<i>Packaging type</i>	<i>BOX</i>
<i>[mm]</i>	<i>15 [mm]</i>
<i>Pin spacing from [in]</i>	<i>0.173 [in]</i>
<i>Pin spacing from [mm]</i>	<i>4.4 [mm]</i>
<i>Contact type</i>	<i>Female connector/socket; for conductors</i>
<i>Product Family</i>	<i>WINSTA MINI</i>
<i>Main product function</i>	<i>Female connector/socket</i>
<i>Product type</i>	<i>Pluggable installation connector</i>

Images & drawings



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Technische Änderungen und Irrtümer vorbehalten.