

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
EAN	4045454233099
Content	1
Order amount	50
Customer item number	

Notes

Note: All connectors for fixed installations (snap-in versions for lighting fixtures, devices or all types of PCBs and distribution cabinets) 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). Note on Contact Resistance: approx. 1m contact resistance approx. 0.25m contact transition plug/socket Note on Continuous Service Temperature: -35°C to +85°C PVC cable for temperatures 70°C (including halogen-free) Insulating parts for temperatures 105°C Note on Protection Against Mismating: 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 Protection Type: IP20, with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas) Number of mating cycles: 200, without resistive load 100, with resistive load IN = 16A, tested (1.5mm²/AWG 16)

Technical data

Miscellaneous

No. of Poles	3
Total number of connection points	3

Technical data	
Total number of potentials	3
Color	black
Coding	A
Pollution degree (1)	3
Rated voltage EN (1) [V]	250 [V]
Rated surge voltage (1) [kV]	4 [kV]
Nominal current [A]	16 [A]
Mating cycles	200, without resistive load
Connection technology (1)	CAGE CLAMP® S
Cross section from (1) [mm ²]	0.25 [mm ²]
Cross section up to (1) [mm ²]	1.5 [mm ²]
Cross section from (1) [AWG]	22 [AWG]
Cross section up to (1) [AWG]	16 [AWG]
Stripped length from (1) [mm]	9 [mm]
Stripped length up to (1) [mm]	9 [mm]
Stripped length (1) [in]	0.35 [in]
Mating force of a plug-in connection	approx. 20–70N (depending on number of poles)
Retention force of a plug-in connection	when locked: > 80N
Insulating material	Polyamide 6.6 V0, halogen-free (except cable)
Clamping spring material	Stainless steel
Contact material	Copper or copper alloy, surface-treated
Processing temperature	-5°C ... +40°C
Fire load [MJ]	0.072 [MJ]
Weight [g]	3.75 [g]
Width [mm]	15 [mm]
Width [in]	0.591 [in]
Height [mm]	11.7 [mm]
Height [in]	0.461 [in]
Length [mm]	34.1 [mm]
Length [in]	1.343 [in]

Approbation					
Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm ² , AWG]

Approbation

890-203	ABS	09-HG449432- PDA	250	16	1,5
890-203	GL	75499-09HH	250	16	1,5
890-203	LR	08/20047	250	16	0,25 -1,5
890-203	UL	E45171	600	10	

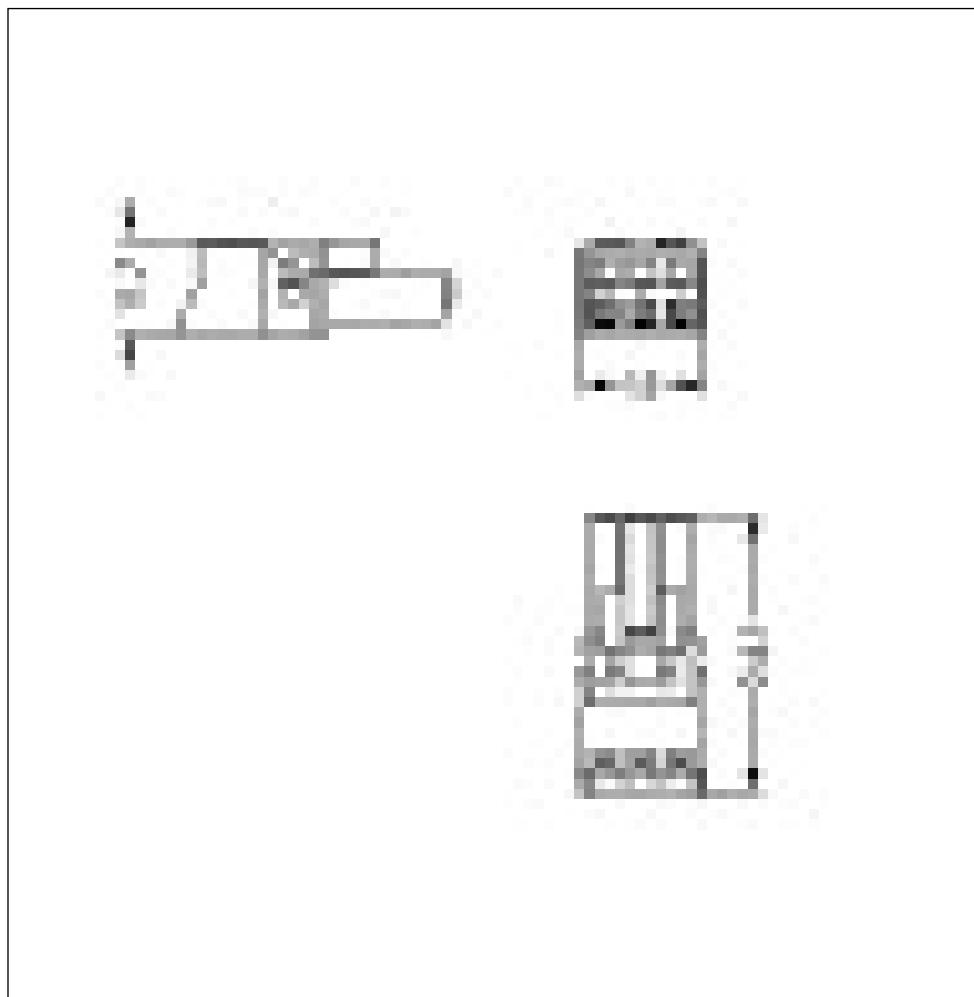
Accessories*Locking levers*

Item no.	Description	Pack. unit (Sub Pack)
890-111	Locking lever; tool operated; for "flying leads"	50
890-131	Locking lever; tool operated; for "flying leads"	50

General accessory

Item no.	Description	Pack. unit (Sub Pack)
890-393	Operating tool; of insulating material; 3-way	1
890-523	Shield connecting plate; for 3-pole plugs and sockets	1
890-310	Mounting carrier; for "flying leads"; 2- to 5-pole	100
890-311	Mounting carrier; for "flying leads"; 2- to 5-pole	100

Images & drawings



Address

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Technische Änderungen und Irrtümer vorbehalten.