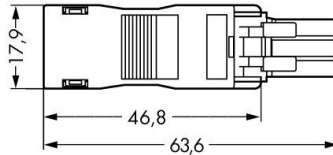


**Socket; with strain relief housing; 3-pole; for cable diameter 4.5 - 10 mm
Item #890-103**



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).

Mating cycles: 100, with resistive load $I_N = 16$ A, tested (1.5 mm²/AWG 16)

Item Properties

Name	Value	Unit
No. of Poles	3	
Total number of connection points	3	
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	
Nominal cross section 1	1.5 mm ² / 16 AWG	
Solid sizes 1	0.25 ... 1.5 mm ² / 22 ... 16 AWG	
Fine-stranded wires 1	0.25 ... 1.5 mm ² / 22 ... 16 AWG	
Fine-stranded wires with insulated ferrule 1	0.25 ... 0.75 mm ² / 22 ... 20 AWG	
Fine-stranded wires with uninsulated ferrule 1	0.25 ... 1 mm ² / 22 ... 18 AWG	
stranded, connectable 1	0.25 ... 1 mm ² / 22 ... 18 AWG	

Strip length 1	9 mm / 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]	0.176	MJ
Weight [g]	7.2	g
Width [mm]	17.9	mm
Width [in]	0.705	in
Height [mm]	14	mm
Altitude [in]	0.551	in
Length [mm]	63.6	mm
Length [in]	2.504	in