Original

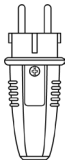
SCHUKO plug and connectors



SCHUKO®

Plug and connector made of durable materials with comfortable grip. Designed for heavy mechanical loads.

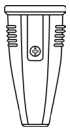
- SCHUKO standard
- Up to IP44
- UV- and media resistant
- Large connection space up to 2.5 mm²
- Double and triple laminated seal



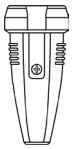
Plug
with double
earthing system



Angled plug
with double earthing
system



Connector



Connector
with collar

General information

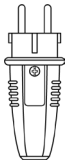
Colours	●	●	●	●
Product range	1506	1508	1566	1566
Commodity code	85366990	85366990	85366990	85366990
Packaging unit	20 unit	20 unit	10 unit	10 unit
Packing (l × w × h)	286 × 227 × 96 mm	248 × 161 × 140 mm	248 × 161 × 140 mm	248 × 161 × 140 mm
Available with increased contact protection	–	–	–	–

Electrical parameters

Current	16 A	16 A	16 A	16 A
Voltage	250 V	250 V	250 V	250 V
Number of poles	2P + PE	2P + PE	2P + PE	2P + PE

Standards/guidelines

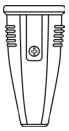
According to standard	DIN VDE 0620 NF C61-314 NBN C61-112	DIN VDE 0620 NF C61-314 NBN C61-112	DIN VDE 0620	DIN VDE 0620
Certification labels	VDE CE	VDE CE	VDE CE	VDE CE



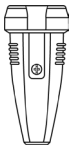
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Operating conditions

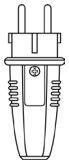
Storage temperature	-25 °C to +70 °C	-25 °C to +70 °C	-25 °C to +70 °C	-25 °C to +70 °C
Operating temperature	-25 °C to +40 °C	-25 °C to +40 °C	-25 °C to +40 °C	-25 °C to +40 °C
Relative humidity	5 to 95%, no condensation	5 to 95%, no condensation	5 to 95%, no condensation	5 to 95%, no condensation
IP rating	IP44, IK08	IP44, IK08	IP20, IK08	IP44, IK08
Resistance	UV- and media resistant* Very good resistance to most oils, greases, solvents and cleaning agents, hydrocarbons as well as organic and inorganic bases in normal concentrations	UV- and media resistant* Very good resistance to most oils, greases, solvents and cleaning agents, hydrocarbons as well as organic and inorganic bases in normal concentrations	UV- and media resistant* Very good resistance to most oils, greases, solvents and cleaning agents, hydrocarbons as well as organic and inorganic bases in normal concentrations	– UV- and media resistant* Very good resistance to most oils, greases, solvents and cleaning agents, hydrocarbons as well as organic and inorganic bases in normal concentrations

Materials

Contact holder	PA	PA	PA	PA
Housing	Rubber (TPE)	Rubber (TPE)	Rubber (TPE)	Rubber (TPE)

Connection cable

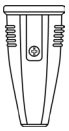
Cross section	3 × 0.75 mm² - 3 × 2.5 mm²	3 × 0.75 mm² - 3 × 2.5 mm²	3 × 1.00 mm² - 3 × 2.5 mm²	3 × 1.00 mm² - 3 × 2.5 mm²
Cable diameter	6 - 12 mm	6 - 12 mm	6 - 12 mm	6 - 12 mm
Sheath insulation stripping length	33 - 35 mm	33 - 35 mm	33 - 35 mm	33 - 35 mm
Core insulation stripping length	8 - 10 mm	8 - 10 mm	8 - 10 mm	8 - 10 mm



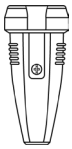
Plug
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earthing system



Angled plug
with double earthing
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Connector



Connector
with collar

Connection screws

Max. torque screws terminals L-N / PE	0.5 Nm	0.5 Nm	0.5 Nm	0.5 Nm
Screw drive terminals L-N / PE	Combined slot / PZ1	Combined slot / PZ1	Combined slot / PZ1	Combined slot / PZ1
Max. torque for screws housing	0.5 Nm	0.5 Nm	0.5 Nm	0.5 Nm
Screw drive housing	Combined slot / PZ1	Combined slot / PZ1	Combined slot / PZ1	Combined slot / PZ1
Max. torque for screws strain relief	0.5 Nm	0.5 Nm	0.5 Nm	0.5 Nm
Screw drive strain relief	Combined slot / PZ1	Combined slot / PZ1	Combined slot / PZ1	Combined slot / PZ1

Additional technical information

Turning the strain relief clamp	recommended for cable diameters ≤ 8 mm	recommended for cable diameters ≤ 8 mm	recommended for cable diameters ≤ 8 mm	recommended for cable diameters ≤ 8 mm
External screw connection	–	–	–	–

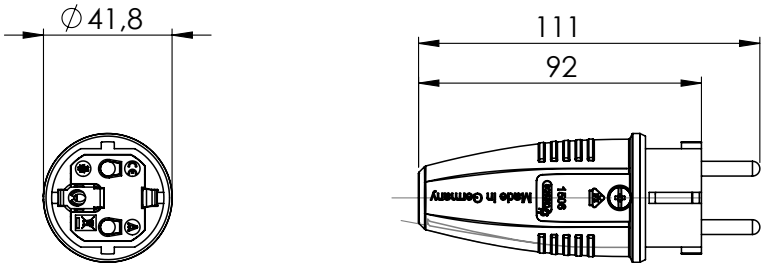
Product numbers

● Black	100000039	100000040	100000048	100000049

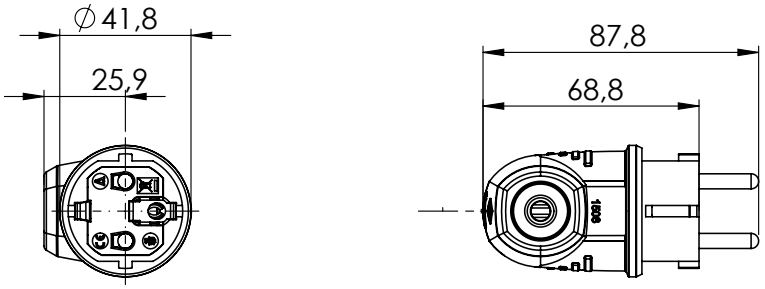
EAN/GTIN numbers

● Black	4011721188683	4011721188690	4011721188775	4011721188782

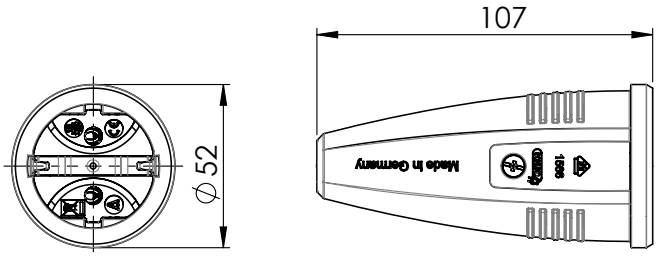
Dimensional drawing – plug with double earthing system



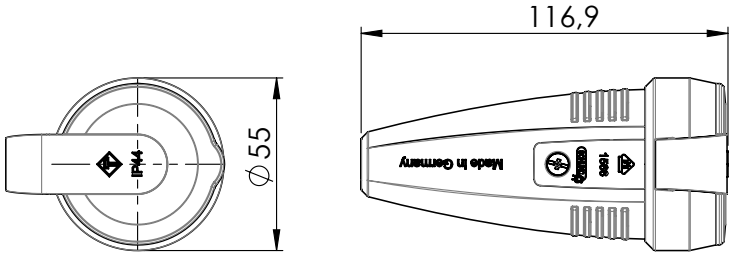
Dimensional drawing – angled plug with double earthing system



Dimensional drawing – connector



Dimensional drawing – connector with collar



Subject to technical changes.

*If there are special requirements for the application in terms of load-bearing capacity or resistance to certain media, e.g. acid, we recommend testing the application under actual or simulated conditions of use, as parameters such as exposure time, exposure quantity and temperature in particular have a major influence.