

Compact


SCHUKO plug and connector



Compact and made of durable materials.
Suitable for indoor use.

 SCHUKO standard

 IP20

 UV- and media resistant

 Large connection space up to 1.5 mm²



Plug with double earthing system



Connector

General information

Colours		
Product range	1505	1565
Commodity code	85366990	85366990
Packaging unit	20 unit	10 unit
Packing (l x w x h)	248 x 161 x 100 mm	248 x 161 x 100 mm
Available with increased contact protection	–	

Electrical parameters

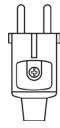
Current	16 A	16 A
Voltage	250 V	250 V
Number of poles	2P + PE	2P + PE

Standards/guidelines

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

Operating conditions

Storage temperature	-25 °C to +70 °C	-25 °C to +70 °C
Operating temperature	-25 °C to +40 °C	-25 °C to +40 °C
Relative humidity	5 to 95%, no condensation	5 to 95%, no condensation
IP rating	IP20	IP20
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



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Materials

Contact holder	PA	PA
Housing	TPE	PP

Connection cable

Cross section	3 × 0.75 mm ² - 3 × 1.5 mm ²	3 × 1.0 mm ² - 3 × 1.5 mm ²
Cable diameter	6.5 - 10.4 mm	6.8 - 10.4 mm
Sheath insulation stripping length	33 - 35 mm	33 - 35 mm
Core insulation stripping length	8 - 10 mm	8 - 10 mm

Connection screws

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



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Connector

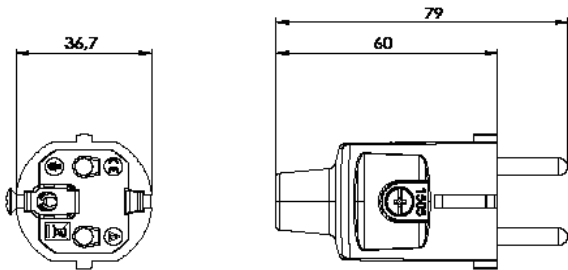
Product numbers

○ White	100000047	100000060
		100000056 (with contact protection)
● Grey	100000046	100000059
● Black	100000044	100000057
		100000055 (with contact protection)

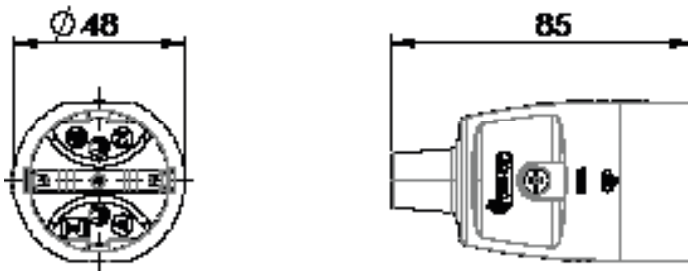
EAN/GTIN numbers

○ White	4011721188768	4011721188874
		4011721188898 (with contact protection)
● Grey	4011721188751	4011721188867
● Black	4011721188737	4011721188843
		4011721188881 (with contact protection)

Dimensional drawing – plug with double earthing system



Dimensional drawing – connector



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.