

Professional

SCHUKO plug and connector



Plug and connector made of Elamid for use in trade and industry. Particularly robust and resistant thanks to our unique 2-component technology.

-  SCHUKO standard
-  Max. load up to 4 tonnes
-  Voltage indicator
-  Quick-release mechanism
-  IP54
-  UV- and media resistant
-  Convenient connection space up to 2.5 mm²
-  Screwed seal



Plug with double earthing system



Connector with self-closing hinged lid and voltage indicator

General information

Colours		
Product range	1530	1590
Commodity code	85366990	85366990
Packaging unit	10 unit	10 unit
Packing (l × w × h)	248 × 161 × 100 mm	248 × 161 × 140 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	-40 °C to +80 °C	-40 °C to +80 °C
Operating temperature	-30 °C to +40 °C	-30 °C to +40 °C
Relative humidity	5 to 95%, no condensation	5 to 95%, no condensation
IP rating	IP54, IK08	IP54, 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



Plug with double earthing system



Connector with self-closing hinged lid and voltage indicator

Materials

Contact holder	PA	PA
Housing	Elamid 2K technology	Elamid 2K technology

Connection cable

Cross section	3 × 0.75 mm ² - 3 × 2.5 mm ²	3 × 1.00 mm ² - 3 × 2.5 mm ²
Cable diameter	6 - 12 mm	6 - 12 mm
Sheath insulation stripping length	42 - 44 mm	42 - 44 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	Quick-release mechanism 90° rotation	Quick-release mechanism 90° rotation
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	Wrench size SW 33 Max. torque: 3.75 Nm	Wrench size SW 33 Max. torque: 3.75 Nm



Plug with double earthing system



Connector with self-closing hinged lid and voltage indicator

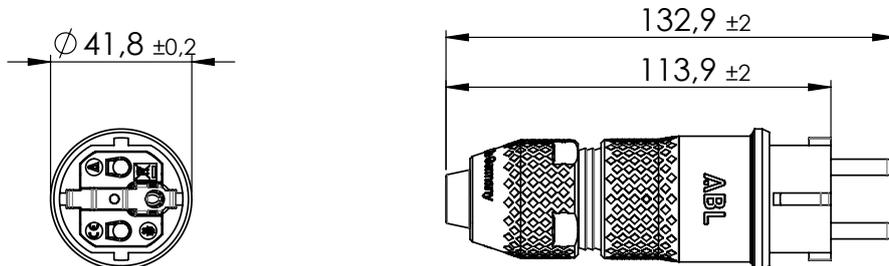
Product numbers

● Red	100000069	100000106
● Grey	100000070	100000107
● Black	100000068	100000105

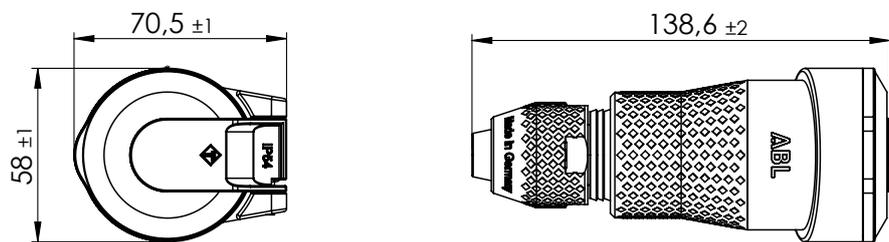
EAN/GTIN numbers

● Red	4011721188980	4011721189222
● Grey	4011721188997	4011721189239
● Black	4011721188973	4011721189215

Dimensional drawing – plug with double earthing system



Dimensional drawing – connector with self-closing hinged lid



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.