

## Each for all

To connect the solar inverter to the PV generator, there are many different DC plug systems. You therefore need to have the correct plugs and the proper tools already. If you do not have the right materials, you will not be able to make a connection.

But no more! Thanks to SUNCLIX, the new uniform DC connection system for SMA inverters. SUNCLIX can be assembled without tools and in as little as 15 seconds. This is regardless of which plug system is used on the PV module. You just need to change the end of the connection leads to the solar inverter. There are therefore no disadvantages.

On the contrary, the right plug connector is included free with all inverter models. In addition, you do not have to purchase any special tools such as crimping tools. And SUNCLIX optimally meets all sorts of requirements. The plug system can be used with either flexible or fixed cables with conductor cross-sections ranging from 2.5 to 6 mm<sup>2</sup>.

By the way, storage is also easier, as in the future SMA inverters will only come equipped with this DC connector.



# SUNCLIX

Easy. Flexible. No tools needed.



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SUNCLIX\_TYPERAENG02713

The new DC connection system for SMA inverters  
Made by PHOENIX CONTACT

# SUNCLIX

## The new DC connection system for SMA inverters.

- » **Comfortable** and fast due to connection without tools
- » **Universal** for flexible and fixed conductors ranging from 2.5 to 6 mm<sup>2</sup>
- » **High conductivity** with 40 A already with 4 mm<sup>2</sup> – up to 85 °C ambient temperature
- » **Secure** interlocking using *click* connections
- » **Comfortable** visual inspection of the conductor connections – easy to adjust at any time
- » **Easy** to unlock with a standard screwdriver – even if plugs are close together
- » **Cost-effective** due to field connector included in delivery
- » **Forward looking** as it fulfills all requirements of the new PV plug standard

**Each for all: SUNCLIX, the universal DC-connection for SMA inverters**



# INSTRUCTIONS

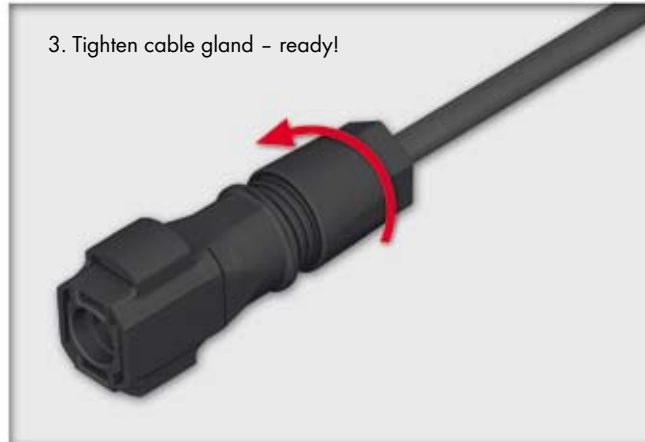
1. Insert stripped conductor



2. Close spring by pushing down



3. Tighten cable gland - ready!



4. Disconnecting the plug



5. Opening of the spring

## The advantages of screw terminal and plug connector combined in one system

### Advantages of the screw terminal

- » Intuitive connections without special tools
- » No additional installation materials needed to connect to the inverter
- » Quick assembly in just a few steps
- » No incorrect crimping
- » Secure conductor connection
- » Disconnection only possible with tools

### Advantages of the plug connector

- » Safe to touch during disassembly
- » Quick connection and disconnection after first assembly
- » Protected against polarity reversal during reconnection