

# MOREK

Creating a better future for You



## Morek Q-Line – the tool-less innovated PV connections



### 40 A High performance

Rated input current at the highest levels in its category.

### 1500 V Top of range

Rated voltage at the highest level in the category: 1500 V.

### IP 65/68 protection degree

Maximum protection degree of the category that resists both to continuous immersions and high-power water jets.

**The new Morek “Q-LINE” connectors feature the innovative patented “TwinLock” technology, where the special construction of the spring clamp, thanks to the combination of two blades allows you to:**

- Firmly lock the conductor of the solar cable
- Ensure exceptional current transmission thanks to the large contact surface.

All is certified by the prestigious TÜV SUD mark, to guarantee the maximum performance of the MOREK connectors.

In this way, the connection is fast, secure and avoids the frequent crimping errors that arise from repetitive movements in uncomfortable environments such as rooftops. 50% time saving compared to a standard crimp connection.



[morek.eu](http://morek.eu)

## GENERAL FEATURES

- TÜV SUD certification according to IEC EN 62852:2015+A1:2020
- TwinLock (tool-free) locking system
- Metal terminal diam 4 mm
- Cable cross-section: 4÷6 mm<sup>2</sup>
- Rated current and voltage: 40 A and 1500 V
- Operating Temperature Range: -40°+85° C
- Upper limit temperature 120° C
- Degree of protection: IP68
- Degree of protection not connected IP2X
- Contact resistance < 0,25 mΩ
- Rated impulse voltage 8 kV

# MOREK

**Morek Q-LINE.**  
**The tool-less**  
**innovated PV**  
**connections**

morek@morek.eu  
morek.eu



### Male Connector – cable Ø 4-6 mm<sup>2</sup>

Code	Description	Interm. pack	Packaging pcs
MAP1006Q40	Photovoltaic 4-6 mm <sup>2</sup> male QUICK connector IP68, 1500 V DC (tool-less solution)	50 pcs in PE bag	500 pcs in box



### Female Connector – cable Ø 4-6 mm<sup>2</sup>

Code	Description	Interm. pack	Packaging pcs
MAP2006Q40	Photovoltaic 4-6 mm <sup>2</sup> female QUICK connector IP68, 1500 V DC (tool-less solution)	50 pcs in PE bag	500 pcs in box

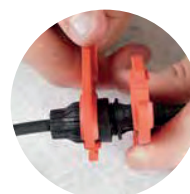
## CONNECTION SEQUENCE



1. Strip 20-22 mm using the end of the female connector as a reference.



2. Insert the cable into the connector as far as it will go.



3. Tighten the ring nut as far as it will go with the help of the tightening wrenches.