

# FANTON<sup>®</sup>

FABBRICA MATERIALE ELETTRICO



## FAST CONNECT



**FAST-CABLING TOOLLESS CONNECTORS**

# FAST CONNECT

## FAST-CABLING TOOLLESS CONNECTORS



### Speed of installation

The new patented technology saves **50%** of installation time.



### Toolless

No tools are needed to make the connection, making it easier and safer to work on rooftops.



### Patented technology

FANTON Patented **TwinLock** technology, guaranteed ultratightness from a double blade locking element.



### Security of Connection

It eliminates possible errors when crimping with pliers, making the connection more secure and reliable.

## TWINLOCK TECHNOLOGY

The new **"Fast Connect"** 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 Fanton 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.

**40A**

**40A | Migliori Performance**

Corrente di ingresso nominale ai massimi livelli della categoria.



**1500V**

**Top of range**

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



**Made in Italy**

Made in Italy production to guarantee high quality and safety.



**IP68**

**Protection degree**

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



**TÜV SUD certified**

Fanton connectors are certified with the prestigious German TÜV SUD brand to guarantee high performances.



**UV**

**NORYL special material**

Made of Noryl, a polymer alloy resistant to high temperature changes (-40° +85° C), to the aging of the sun's rays, with high insulation capacity and resistance to breakages.



**CONNECTION SEQUENCE**

**1.** Strip 20-22mm 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 Fanton tightening wrenches.



# FAST CONNECT CONNECTORS



## TECHNICAL FEATURES

- TÜV SUD certification according to IEC EN 62852:2015+A1:2020
- Metal terminal diam 4 mm
- Cable cross-section: 4-6 mm<sup>2</sup>
- Rated current and voltage: 40A and 1500V
- Operating Temperature Range: -40°+85° C
- Upper limit temperature 120° C
- Degree of protection: IP65/68
- Connection Type: Toolless

## Male Connector

### ► Cable 4-6 mm<sup>2</sup>

Code	Description	Single pack.	Interm. pack.	Packaging pcs
A99900F	PV FAST male trailing connector IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 50 pcs	-	50 pcs bag	500
A99900F-10	PV FAST male trailing connector IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 10 pcs	-	10 pcs bag	100
A99900F-100	PV FAST male trailing connector IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 100 pcs	-	100 pcs bag	500



A99900F-10

## Female Connector

### ► Cable 4-6 mm<sup>2</sup>

Code	Description	Single pack.	Interm. pack.	Packaging pcs
A99901F	PV FAST female trailing connector IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 50 pcs	-	50 pcs bag	500
A99901F-10	PV FAST female trailing connector IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 10 pcs	-	10 pcs bag	100
A99901F-100	PV FAST female trailing connector IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 100 pcs	-	100 pcs bag	500



A99901F-10

## Set of couples

### ► Cable 4-6 mm<sup>2</sup>

Code	Description	Single pack.	Interm. pack.	Packaging pcs
A99951F	Pair of PV FAST trailing connectors male+female IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 50 pairs	-	50 pairs bag	500
A99952F	Pair of PV FAST trailing connectors male+female IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 1 pair	1 pair bag	-	50
A99951F-10	Pair of PV FAST trailing connectors male+female IP68 FMC4 for cable section from 4 to 6 mm <sup>2</sup> pack of 10 pairs	-	10 pairs bag	100



A99952F

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