



PROTOTYPE DESIGN ASSESSMENT CERTIFICATE
No. ELE420024CS/001

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	Connectors
<i>Type</i>	Connectors for Photovoltaic Systems
<i>Applicant</i>	FANTON SPA Viale dell'Industria 8/10 35026 Conselve (PD) ITALY
<i>Manufacturer</i>	FAMI S.R.L.
<i>Place of manufacture</i>	Sat. Ungheni, Str. Princip. 470,547605 Jud. Mures ROMANIA 103323
<i>Reference standards</i>	IEC 62852:2014; IEC 62852:2014/AMD1:2020; IEC 62852:2015/A1:2020

This certificate is issued on request of the Manufacturer based on the PDA certification scheme according to RINA Rules for Testing and Certification of Marine Materials and Equipment

Issued in **Genoa** on **November 11, 2024**. *This Certificate is valid until* **November 11, 2029**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

PROTOTYPE DESIGN ASSESSMENT CERTIFICATE

No. **ELE420024CS/001**

Enclosure - Page 1 of 1

Connectors for Photovoltaic Systems

Crimp solar connectors MC4

Model	Type	Cable section (mm²)
A99900	male flying	4 to 6
A99901	female flying	4 to 6
A99920	male panel	4 to 6
A99921	female panel	4 to 6
A99910	male flying	10
A99911	female flying	10
A99930	male panel	10
A99931	female panel	10

Parameters

Rated Voltage: 1500VDC

Rated Current: 25A for cables 4mm²
40A for cables 4mm² and 6mm²
62A for cables 10mm²

Class (IEC 61140): II

Degree of protection: IP65/IP68 (1m/1h)

Ambient Temperature: -40°C ~ +85°C

Technical specification

Data sheet:

Fanton Photovoltaic datasheet crimp connectors

Test report:

TÜV SÜD Test Report IEC62852 n. 083-82451501-000 (2024-08-09)

CB Test Certificate:

DE 3 - 9279 Ref. n. 083-82451502-000 (2024-08-14)

Reference documents

TAO APP dated 2024-09-12

Offer n. 2024/25836

IMQ certificate QMS n. 9105.AMBR (2023-09-29)

The documents above-mentioned have been archived in the Leonardo Draw Plus portal under the project:
<https://leodrawplus.rina.org/projects/55039/detail>

Genoa November 11, 2024

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000