df Electric

PHOTOVOLTAIC

FUSE LINKS & FUSE HOLDERS FOR PHOTOVOLTAIC APPLICATIONS

HORUS® PHOTOVOLTAIC PROTECTION

gPV CYLINDRICAL

fuse links

CYL | 10x38 | 14x51 | 10x85 | 10/14x85 | 22x65



PROTECTING THE WORLD

dfelectric.es



gPV CYLINDRICAL
fuse links

10x38 14x51

PHOTOVOLTAIC

HORUS PHOTOVOLTAIC PROTECTION

10x38

RATED VOLTAGE
1000V DC

RATED CURRENT
1A...20A

BREAKING CAPACITY
30kA

→ TECHNICAL DATA



14x51

RATED VOLTAGE
1000V DC
1100V DC

RATED CURRENT
32A

BREAKING CAPACITY
30kA

→ TECHNICAL DATA



STANDARDS
IEC/EN 60269-1
IEC/EN 60269-6
UL248-19

Cylindrical fuse links for photovoltaic applications

gPV 10x38 and 14x51 cylindrical fuse links from DF Electric have been developed to offer a compact, safety and economic protection of photovoltaic modules (array protection) with voltages up to 1.000/1.100V DC.

The range comprises the following fuse links:

→ **Size 10x38 1000V DC 1A to 20A**
→ **Size 14x51 1000V DC 25A and 32A**
→ **Size 14x51 1100V DC 15A and 20A**

They provide protection against overloads as well as short-circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 Standards).

Made with ceramic tube with high withstand to internal pressure and thermal shock, that allows a high breaking capacity in a reduced physical space.

Contacts are made in silver plated copper and melting elements are made in pure silver in order to avoid the aging and thus keep unalterable the electric characteristics.

For these fuse-links we recommend the utilization of **PMX-PV fuse holders**.

RoHS COMPLIANT

gPV CYLINDRICAL
fuse links

10x85 | 10/14x85

PHOTOVOLTAIC

HORUS PHOTOVOLTAIC PROTECTION



10x85

RATED VOLTAGE
1500V DC
1200V DC

RATED CURRENT
2A...25A

BREAKING CAPACITY
30kA
10kA

→ TECHNICAL DATA



10/14x85

RATED VOLTAGE
1500V DC

RATED CURRENT
20...32A

BREAKING CAPACITY
10kA

→ TECHNICAL DATA



STANDARDS
IEC/EN 60269-1
IEC/EN 60269-6
UL248-19

Cylindrical fuse links for photovoltaic applications

gPV 10x85 & 10/14x85 cylindrical fuse links from DF Electric have been developed to offer a compact, safety and economic protection of photovoltaic modules (array protection) with voltages up to 1.200/1.500 VDC.

The range comprises the following fuse links:

- → **Size 10x85 1500V DC 2A to 16A**
- → **Size 10x85 1200V DC 20A and 25A**
- → **Size 10/14x85 1500V DC 20A to 32A**

They provide protection against overloads as well as short-circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 Standards).

Made with ceramic tube with high withstand to internal pressure and thermal shock, that allows a high breaking capacity in a reduced physical space.

Contacts are made in silver plated copper and melting elements are made in pure silver in order to avoid the aging and thus keep unalterable the electric characteristics.

For these fuse links we recommend the utilization of **PML fuse holders**.

RoHS COMPLIANT



gPV CYLINDRICAL
fuse links

PHOTOVOLTAIC

HORUS PHOTOVOLTAIC PROTECTION

22x65



22x65

RATED VOLTAGE
1500V DC

RATED CURRENT
40A...60A

BREAKING CAPACITY
30kA

→ TECHNICAL DATA

STANDARDS
IEC/EN 60269-1
IEC/EN 60269-6
UL248-19

Cylindrical fuse links for photovoltaic applications

gPV 22x65 cylindrical fuse links from DF Electric have been developed to offer a compact, safety and economic protection of photovoltaic modules (array protection) with voltages up to 1.200/1.500 VDC.

The range comprises the following fuse links:

→ **Size 22x65 1500V DC 40A to 60A**

They provide protection against overloads as well as short-circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 Standards).

Made with ceramic tube with high withstand to internal pressure and thermal shock, that allows a high breaking capacity in a reduced physical space.

Contacts are made in silver plated copper and melting elements are made in pure silver in order to avoid the aging and thus keep unalterable the electric characteristics.

For these fuse links we recommend the utilization of **22x65 PMX-PV fuse holders**.

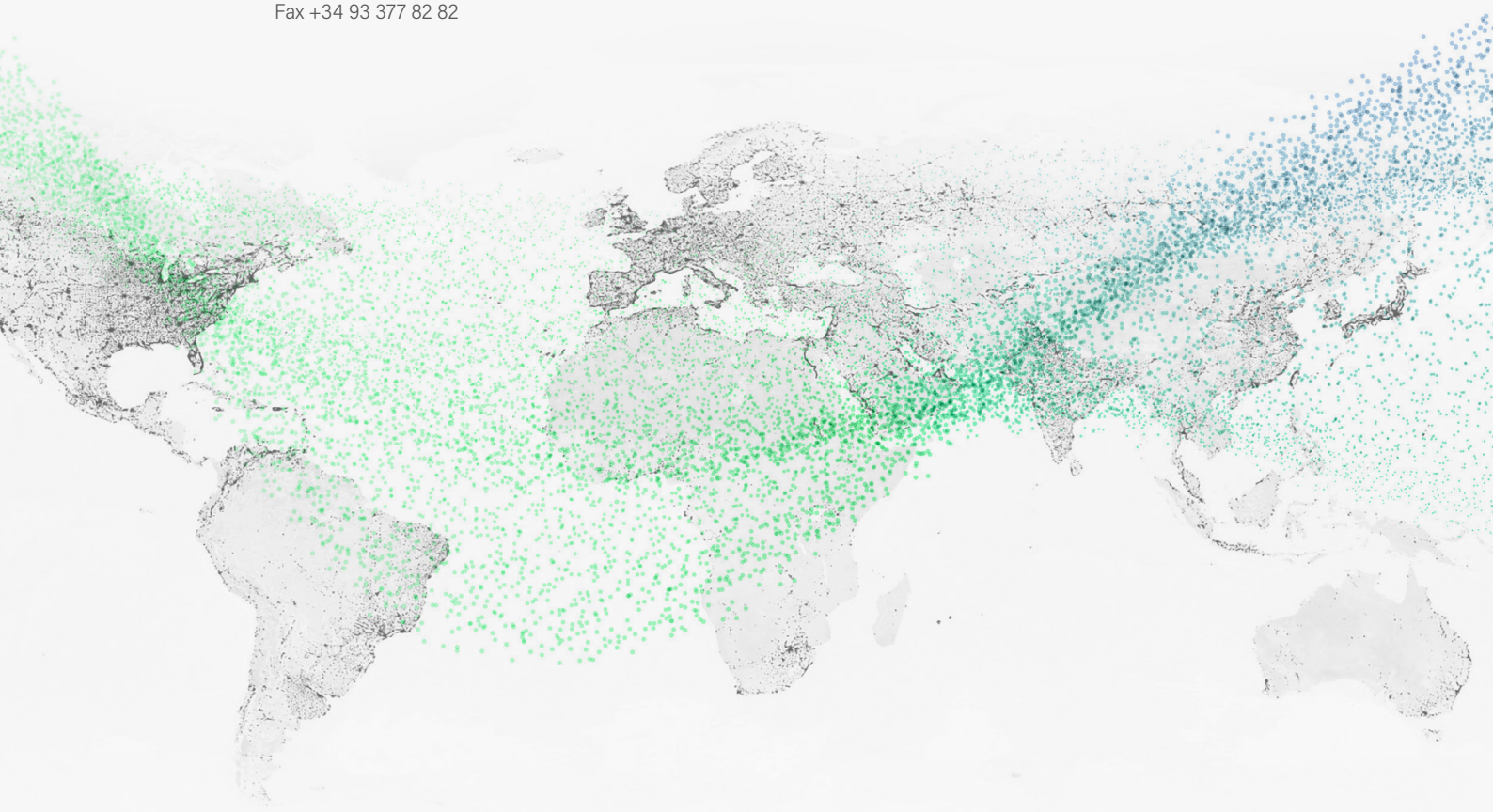
RoHS COMPLIANT

PROTECTING THE WORLD

HEAD OFFICE AND FACTORY
SILICI, 67-69
08940 CORNELLA DE LLOBREGAT
BARCELONA · SPAIN
Tel. +34 93 377 85 85
Fax +34 93 377 82 82

INTERNATIONAL SALES
Tel. +34 93 475 08 64
Fax +34 93 480 07 75
export@dfelectric.es

NATIONAL SALES
Tel. 93 475 08 64
Fax 93 480 07 76
comercial@dfelectric.es



dfelectric.es

FABRICADO EN ESPAÑA
MADE IN SPAIN

According to the waste of electrical and electronic equipment directive, electrical material should not be part of the usual waste. This symbol alerts users that these products should be recycled according to local environmental waste disposal regulations.

The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.

To prevent electrical hazards, carry out the installation without voltage.

Safety notice
Please capture the following QR code and read our safety notice carefully before installing our products.

The data reflected in this technical record are subject to the correct installation of the product in accordance with manufacturer's instructions, relevant installation standards and professional practices, maintained and used in applications for which they were made.

The products described in this document have been designed, developed and tested in accordance with specific standard. They are considered components that are integrated as part of installation, machine or equipment. The correct general operation of the referred product is responsibility of the manufacturer of the installation, machine or equipment.

DF ELECTRIC cannot guarantee the characteristics of an installation, machine or equipment that has been designed by a third party. Once a product has been selected, the user must verify that it is appropriate for its application, through the verifications and/or tests that it deems appropriate.

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