

MEDIUM VOLTAGE

CYLINDRICAL FUSE LINKS

Medium voltage cylindrical fuse links

CYL 10x85



10x85

10x150

10x180

PROTECTING
THE WORLD



RATED VOLTAGE
1500V AC

RATED CURRENT
2A...12A

BREAKING CAPACITY
20kA

STANDARDS
RoHS COMPLIANT



MV Medium voltage fuse links

One of the applications of these fuse links are the protection of supply networks of public lighting at higher voltages (between 900V and 5.500V AC) usually used by means of special transformers designed for this purpose that increase the voltage for transportation and reduce it in the destination at adequate levels.

These distribution networks allow energy transportation at very high distances with installations more economic and efficient.

The range comprises the following fuse links:

→ Size 10x85 1500V AC 2A to 12A

They have a g breaking range (protection against overload and short-circuits) and are made with ceramic tubes having high breaking capacity and good withstand against thermal chock. Contacts are made in silver plated copper.

RoHS directive compliant.



Range

I_n (A)	REFERENCE	PACKING Uni /BOX
2	415005	4/24
3,15	415010	4/24
4	415015	4/24
5	415020	4/24
6,3	415025	4/24
8	415030	4/24
10	415035	4/24
12	415040	4/24

Technical data

Rated voltage	1500V AC
Rated current	2A...12A
Rated breaking capacity	20kA
Operating class	g
Storage temperature	-40°C ... 90°C
Operating temperature *	-40°C ... 80°C

* For ambient temperatures higher than 25°C it is necessary to apply a derating in maximum current.

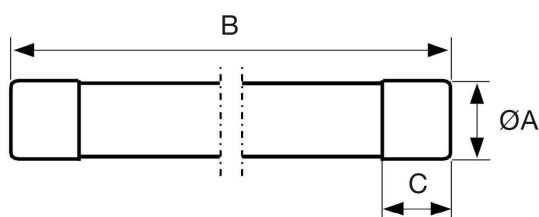
Standards

RoHS Compliant

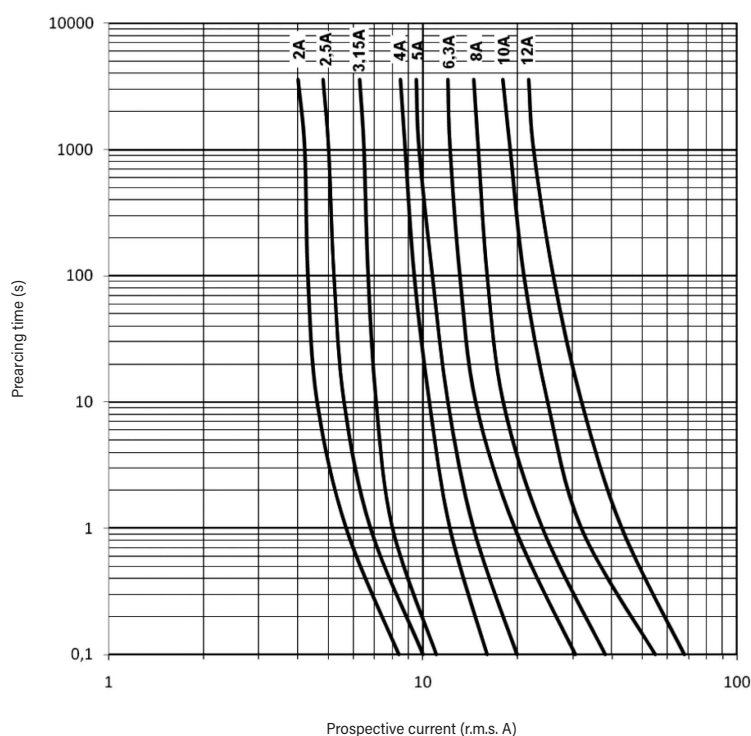


t-I characteristics

Dimensions

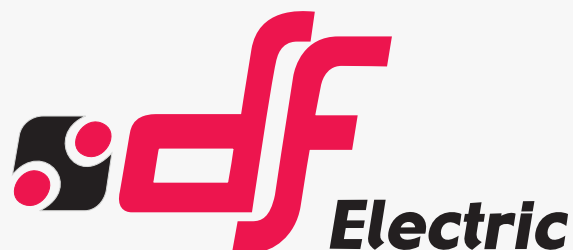


A	B	C	Weight
10,3	85	10	14,5 gr



Power dissipation

RATED CURRENT (A)	POWER LOSS 0,8 · I _n (W)	POWER LOSS I _n (W)	PREARcing I ² _t (A ² s)	OPERATING I ² _t 1500V (A ² s)
2	0,9	1,6	2,5	3,3
3,15	1,1	2,1	8,8	12
4	1,2	2,2	23	31
5	1,7	3	31	41
6,3	2,2	3,3	63	85
8	2,1	3,8	141	190
10	2,5	4,6	235	316
12	3,5	6,4	253	340



PROTECTING THE WORLD

HEAD OFFICE AND FACTORY

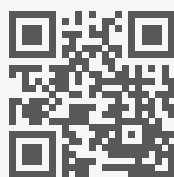
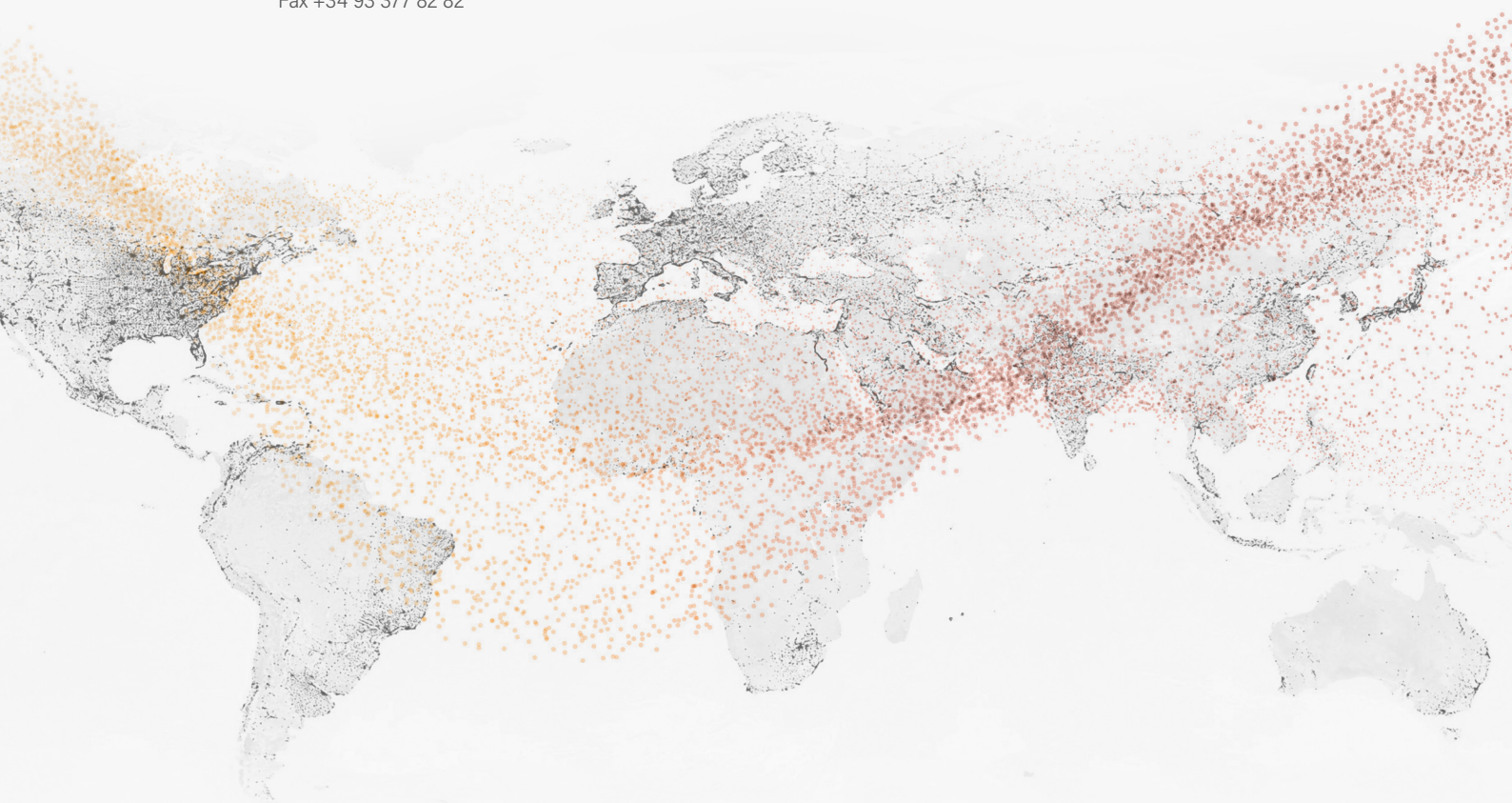
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According to the waste of electrical and electronic equipment directive, electrical material should not be part of the usual waste. This symbol alerts users that these products should be recycled according to local environmental waste disposal regulations.



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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