

MEDIUM VOLTAGE

CYLINDRICAL FUSE LINKS



Medium voltage cylindrical fuse links

CYL 10x180



**PROTECTING
THE WORLD**



RATED VOLTAGE
3200V AC
5500V AC

RATED CURRENT
2A...12A

BREAKING CAPACITY
15kA 3200V AC
10kA 5500V AC

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 10x180 3200V AC 2A to 12A

→ Size 10x180 5500V AC 2A to 4A

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

U (V AC)	I _n (A)	REFERENCE	PACKING Uni /BOX
3200	2	415205	4/24
	2,5	415210	4/24
	3,15	415215	4/24
	4	415220	4/24
	5	415225	4/24
	6,3	415230	4/24
	8	415235	4/24
	10	415240	4/24
	12	415245	4/24
5500	2	415305	4/24
	2,5	415310	4/24
	3,15	415315	4/24
	4	415320	4/24

Technical data

Rated voltage	3200V 5500V AC
Rated current	2A...12A
Rated breaking capacity	15kA 3200V 10kA 5500V
Utilization category	g
Storage temperature	-40°C ... 90°C
Operating temperature *	-40°C ... 80°C

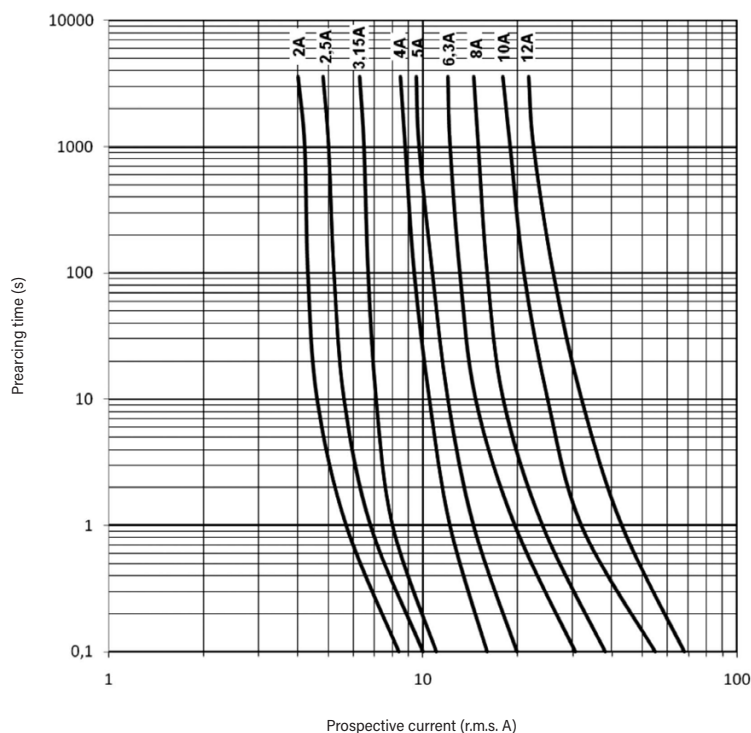
* For ambient temperatures higher than 25°C it is necessary to apply a derating in maximum current.

Standards

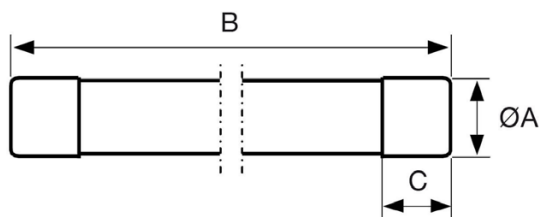
RoHS Compliant



t-I characteristics



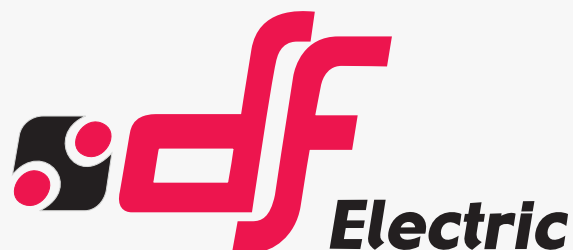
Dimensions



A	B	C	Weight
10,3	180	10	28,5 gr

Power dissipation

RATED CURRENT (A)	POWER LOSS 0,8 · In (W)	POWER LOSS In (W)	PREARcing I ² t (A ² s)	OPERATING I ² t 3200V (A ² s)	OPERATING I ² t 5500V (A ² s)
2	1,7	3	2,5	4,4	7
2,5	2,3	4	4	7,1	11
3,15	2,5	4,3	8,8	16	25
4	2,6	4,6	23	42	65
5	3,6	6,6	3	55	-
6,3	4,8	7,2	63	114	-
8	5,8	8,2	141	254	-
10	5	9,1	275	495	-
12	7,1	13	314	565	-



PROTECTING THE WORLD

HEAD OFFICE AND FACTORY

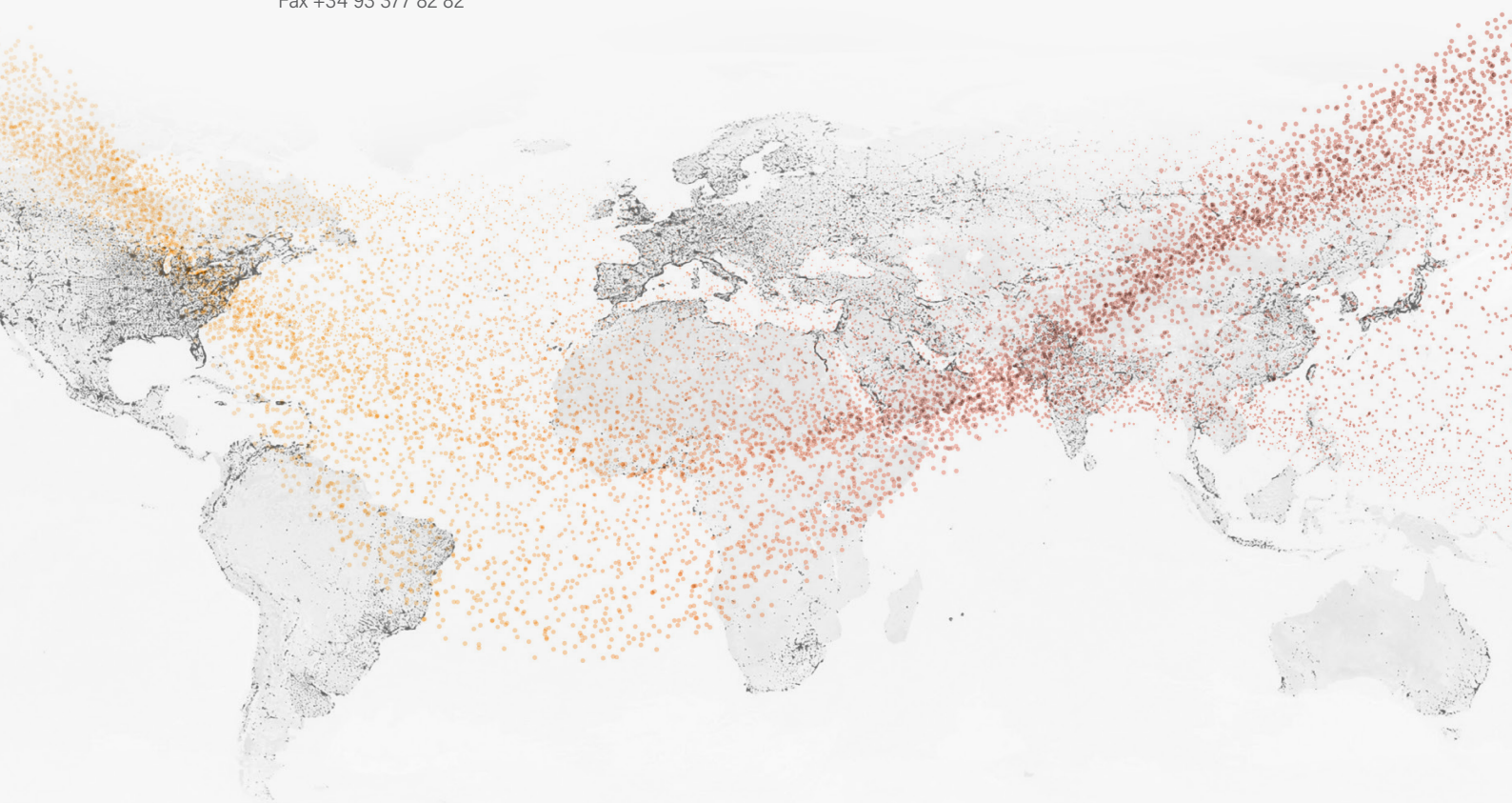
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According to the waste of electrical and electronic equipment directive, electrical material should not be part of the usual waste. This symbol alerts users that these products should be recycled according to local environmental waste disposal regulations.



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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