

**PROTECTING  
THE WORLD**

# CYLINDRICAL

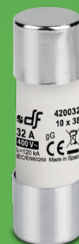
FUSE LINKS & FUSE HOLDERS/BASES

## gG CYLINDRICAL fuse links

CYL 10x38



8x32



10x38

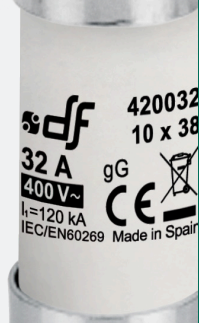


14x51



22x58





**RATED VOLTAGE**  
500V AC  
400V AC

**RATED CURRENT**  
0,5A...32A

**BREAKING CAPACITY**  
120kA

**STANDARDS**  
IEC/EN 60269-1  
IEC/EN 60269-2



## Industrial cylindrical fuse links

Cylindrical industrial gG class fuse links for use as general protection against overloads and short circuits, intended as protection for cables, power lines and equipment.

The range comprises the following fuse links:

→ **Size 10x38 500V/400V 0,5A to 32A**

Available in standard version and with visual fusing indicator.

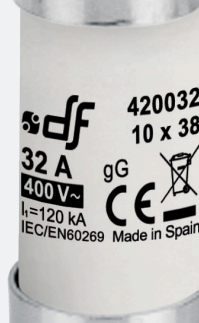
Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allow a high breaking capacity. Special design in the melting elements that avoid aging and maintain the characteristics along the time. Contacts made in silver plated copper.



## Range

U <sub>n</sub>	BREAKING CAPACITY	I <sub>n</sub> (A)	REFERENCE		PACKING Uni /BOX
			WITHOUT INDICATOR	WITH INDICATOR	
500V	120kA	0,5	<b>420000</b>	-	10/100
		1	<b>420001</b>	-	10/100
		2	<b>420002</b>	<b>420102</b>	10/100
		4	<b>420004</b>	<b>420104</b>	10/100
		6	<b>420006</b>	<b>420106</b>	10/100
		8	<b>420008</b>	<b>420108</b>	10/100
		10	<b>420010</b>	<b>420110</b>	10/100
		12	<b>420012</b>	<b>420112</b>	10/100
		16	<b>420016</b>	<b>420116</b>	10/100
		20	<b>420020</b>	<b>420120</b>	10/100
		25	<b>420025</b>	<b>420125</b>	10/100
		32	<b>420032</b>	<b>420132</b>	10/100
400V	120kA	32	<b>420032</b>	<b>420132</b>	10/100





## Technical data

Rated voltage	500V +10%   400V +10%
Rated current	0,5A...32A
Rated breaking capacity	120kA
Utilization category	gG
Rated frequency	42...62Hz
Storage temperature	-40°C ... 90°C
Operating temperature *	-40°C ... 80°C

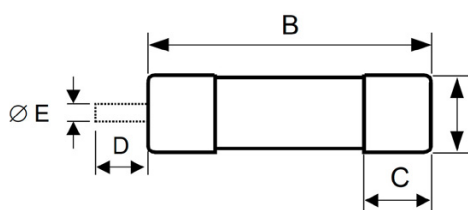
\* For ambient temperatures higher than 25°C it is necessary to apply a derating in maximum current.

## Standards

IEC/EN 60269-1  
IEC/EN 60269-2  
RoHS Compliant



## Dimensions



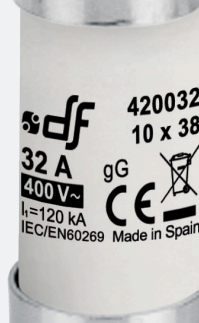
<b>A</b>	<b>B</b>	<b>C</b>
10,3	38	8,5

Weight 8gr

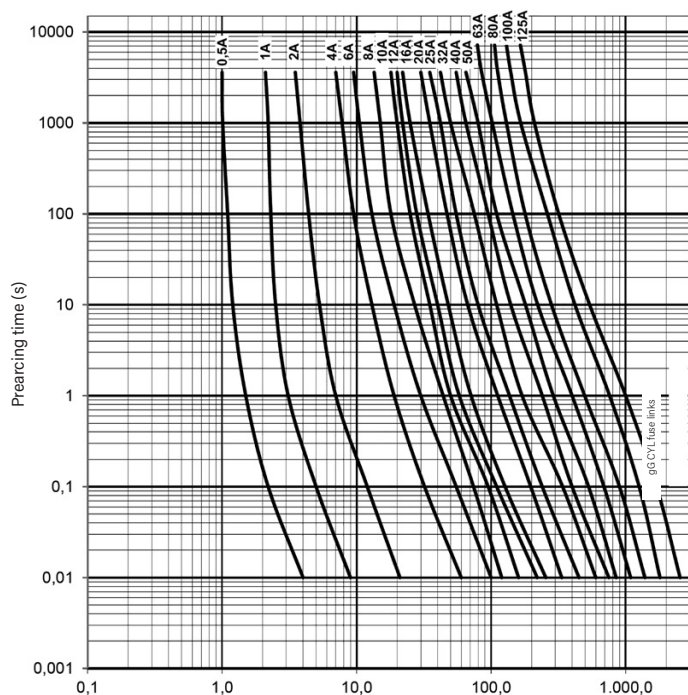
## Power dissipation

$I_n$	POWER DISSIPATION	PREARcing $I_t^2$	$I_t^2$ 500V	$I_t^2$ 400V
(A)	(W)	(A <sup>2</sup> S)	(A <sup>2</sup> S)	(A <sup>2</sup> S)
<b>0,5</b>	1,43	4,0	10,4	-
<b>1</b>	2,77	6,5	15,7	-
<b>2</b>	0,60	7,0	17,6	-
<b>4</b>	0,70	45	108	-
<b>6</b>	0,80	70	166	-
<b>8</b>	0,85	80	188	-
<b>10</b>	1,00	120	297	-
<b>12</b>	1,30	180	431	-
<b>16</b>	1,90	270	636	-
<b>20</b>	2,00	500	1162	-
<b>25</b>	2,50	800	2034	-
<b>32</b>	2,90	1200	-	2412



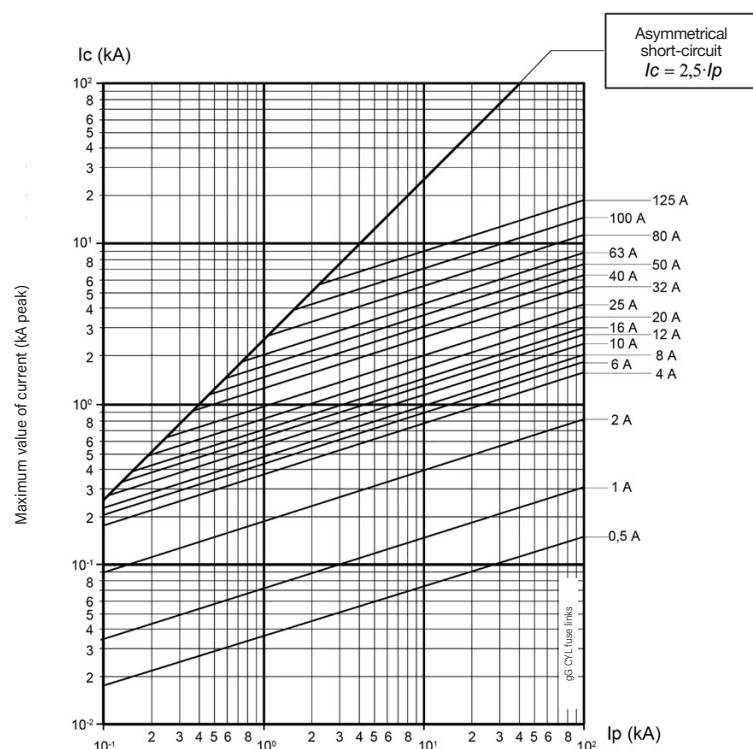


## t-I characteristics



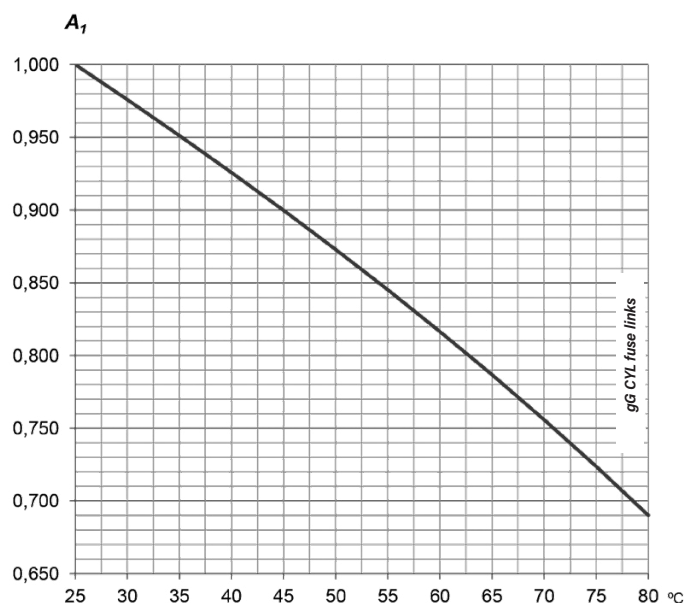
Prospective current (r.m.s. A)

## Cut-off characteristics



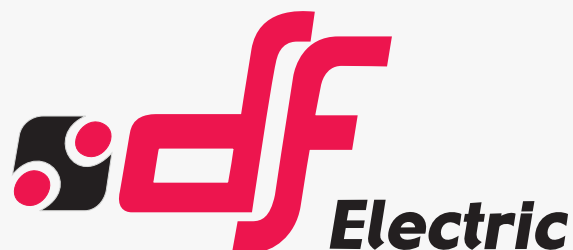
Prospective current (r.m.s. kA)

## Ambient temperature derating factor



$t_a$ (°C)	$A_1$
25	1,00
30	0,98
35	0,95
40	0,93
45	0,90
50	0,87
55	0,84
60	0,82
65	0,79
70	0,76
75	0,72
80	0,69





## PROTECTING THE WORLD



### HEAD OFFICE AND FACTORY

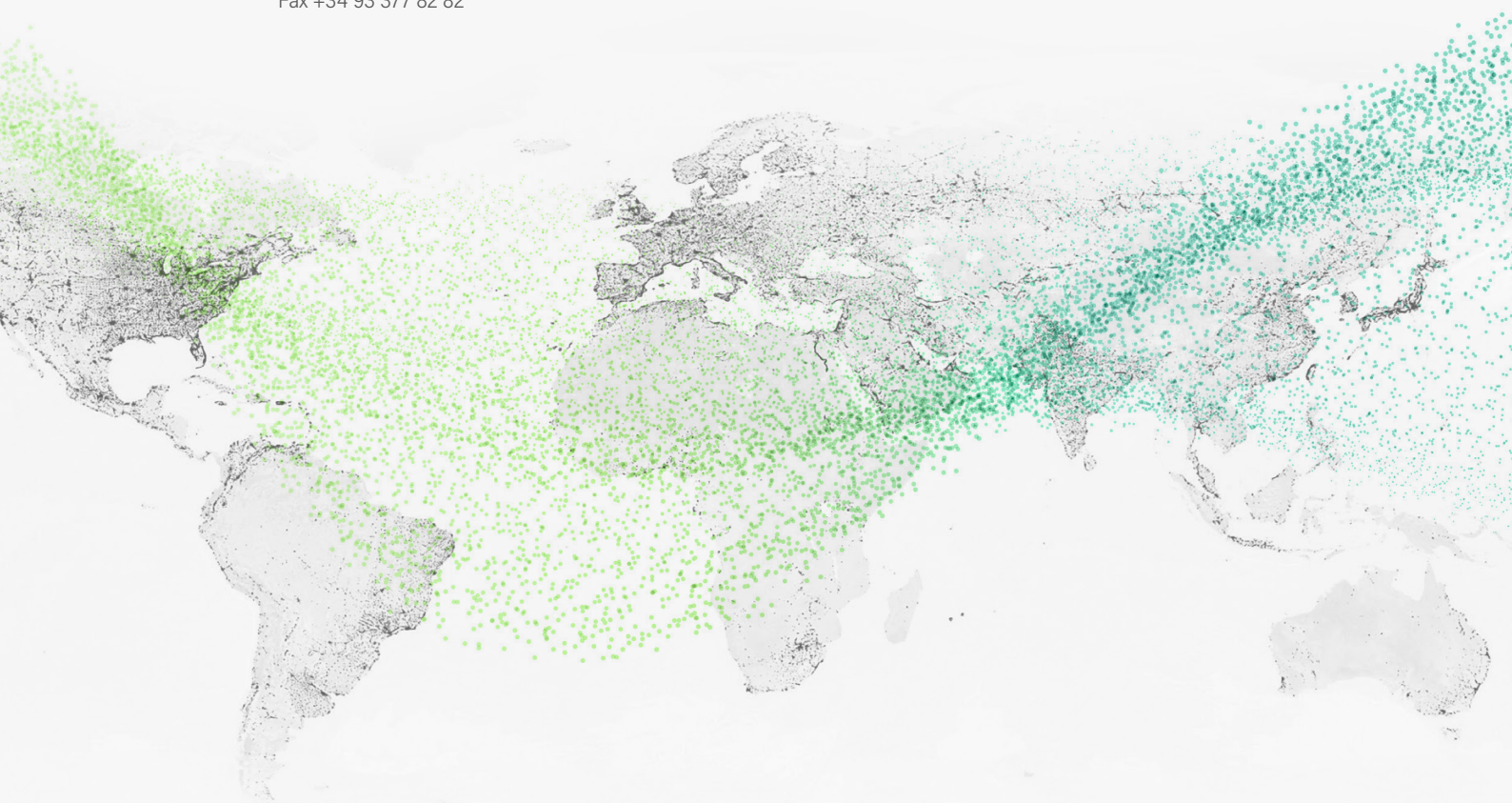
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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.



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