



gG CYLINDRICAL fuse links

Cylindrical fuse links gG class for use as general protection against overloads and short circuits, intended as protection of cables, power lines and equipment. Made of ceramic tube with high withstand to internal pressure and thermal shock, that allow a high breaking capacity in a reduced physical space.

The melting elements are specially designed in order to avoid aging and thus maintain unalterable the electrical characteristics. Contact caps are made of silver plated copper. Versions available with fusing indicator or with striker for use in fuse holders with microswitch.



8x32

U **400V**

BREAKING CAPACITY **20kA**

NEUTRAL LINK

In (A)	REFERENCE		PACKING Uni /BOX
	WITHOUT INDICATOR	WITH INDICATOR	
0,5	420500	—	10/100
1	420501	—	10/100
2	420502	420602	10/100
4	420504	420604	10/100
6	420506	420606	10/100
8	420508	420608	10/100
10	420510	420610	10/100
12	420512	420612	10/100
16	420516	420616	10/100
20	420720	420820	10/100
NEUTRAL LINK			430000 10/100



10x38

U **500V**

BREAKING CAPACITY **120kA**

U **400V**

BREAKING CAPACITY **120kA**

NEUTRAL LINK

0,5	420000	—	10/100
1	420001	—	10/100
2	420002	420102	10/100
4	420004	420104	10/100
6	420006	420106	10/100
8	420008	420108	10/100
10	420010	420110	10/100
12	420012	420112	10/100
16	420016	420116	10/100
20	420020	420120	10/100
25	420025	420125	10/100
NEUTRAL LINK			431000 10/100



STANDARDS

IEC 60269-1
IEC 60269-2
EN 60269-1
EN 60269-2

DIMENSIONS POWER DISSIPATION

PAG 18

t-I | CUT-OFF | I_{2t} CHARACTERISTICS

PAG 19

DC APPLICATIONS FOR CYLINDRICAL FUSE LINKS

PAG 38

COMPATIBLE PMX | PMC | PMF | PMB | CLIP CONTACT Ø10

PAG 10^{PMX}
PAG 13^{PMC}

PAG 14^{PMF}
PAG 16^{PMB} CLIP CONTACT Ø10

14x51

U **690V**
BREAKING CAPACITY **80kA**

U **500V**
BREAKING CAPACITY **120kA**

U **400V**
BREAKING CAPACITY **120kA**

NEUTRAL LINK

In (A)	REFERENCE		PACKING Uni./BOX
	WITHOUT INDICATOR	WITH INDICATOR	
1	421001	-	10/50
2	421002	421102	10/50
4	421004	421104	10/50
6	421006	421106	10/50
8	421008	421108	10/50
10	421010	421110	10/50
12	421012	421112	10/50
16	421016	421116	10/50
20	421020	421120	10/50
25	421025	421125	10/50
32	421032	421132	10/50
40	421040	421140	10/50
50	421050	421150	10/50
NEUTRAL LINK		432000	10/50



22x58

U **690V**
BREAKING CAPACITY **80kA**

U **500V**
BREAKING CAPACITY **120kA**

NEUTRAL LINK

2	422002	422102	10/50
4	422004	422104	10/50
6	422006	422106	10/50
8	422008	422108	10/50
10	422010	422110	10/50
12	422012	422112	10/50
16	422016	422116	10/50
20	422020	422120	10/50
25	422025	422125	10/50
32	422032	422132	10/50
40	422040	422140	10/50
50	422050	422150	10/50
63	422063	422163	10/50
80	422080	422180	10/50
100	422000	422100	10/50
125	422015	422115	10/50
NEUTRAL LINK		433000	10/50



STANDARDS
IEC 60269-1
IEC 60269-2
EN 60269-1
EN 60269-2

**DIMENSIONS
POWER DISSIPATION**
PAG 18

**t-I | CUT-OFF | I_{2t}
CHARACTERISTICS**
PAG 19

**DC APPLICATIONS FOR
CYLINDRICAL FUSE LINKS**
PAG 38

**COMPATIBLE
PMX | BAC**
PAG 10^{PMX}
PAG 16^{BAC}

14x51

U **500V**

BREAKING CAPACITY **120kA**

U **400V**

BREAKING CAPACITY **120kA**

NEUTRAL LINK

In
(A)

REFERENCE

WITH
STRIKER



PACKING

Uni /BOX

In (A)	REFERENCE	PACKING
2	421202	10/50
4	421204	10/50
6	421206	10/50
8	421208	10/50
10	421210	10/50
12	421212	10/50
16	421216	10/50
20	421220	10/50
25	421225	10/50
32	421232	10/50
40	421240	10/50
50	421250	10/50
	432000	10/50



22x58

U **690V**

BREAKING CAPACITY **80kA**

U **500V**

BREAKING CAPACITY **120kA**

OVERRATING FUSES

U **400V**

BREAKING CAPACITY **120kA**

NEUTRAL LINK

4
6
8
10
12
16
20
25
32
40
50
63

422204
422206
422208
422210
422212
422216
422220
422225
422232
422240
422250
422263

10/50
10/50
10/50
10/50
10/50
10/50
10/50
10/50
10/50
10/50
10/50
10/50

80
100
125

422280
422200
422215

10/50
10/50
10/50

433000

10/50



STANDARDS

IEC 60269-1
IEC 60269-2
EN 60269-1
EN 60269-2

**DIMENSIONS
POWER DISSIPATION**

PAG 18

**t-I | CUT-OFF | I²t
CHARACTERISTICS**

PAG 19

**DC APPLICATIONS FOR
CYLINDRICAL FUSE LINKS**

PAG 38

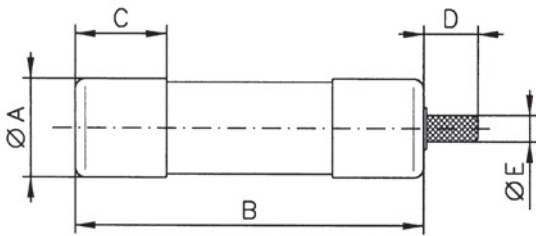
**COMPATIBLE
PMX | BAC**

PAG 10^{PMX}
PAG 16^{BAC}

gG CYLINDRICAL fuse links



DIMENSIONS



	A	B	C	D	E
8x32	8,5	31,5	6,3	-	-
10x38	10,3	38	8,5	-	-
14x51	14,3	51	11,5	8	3,7
22x58	22,2	58	15,5	8	3,7

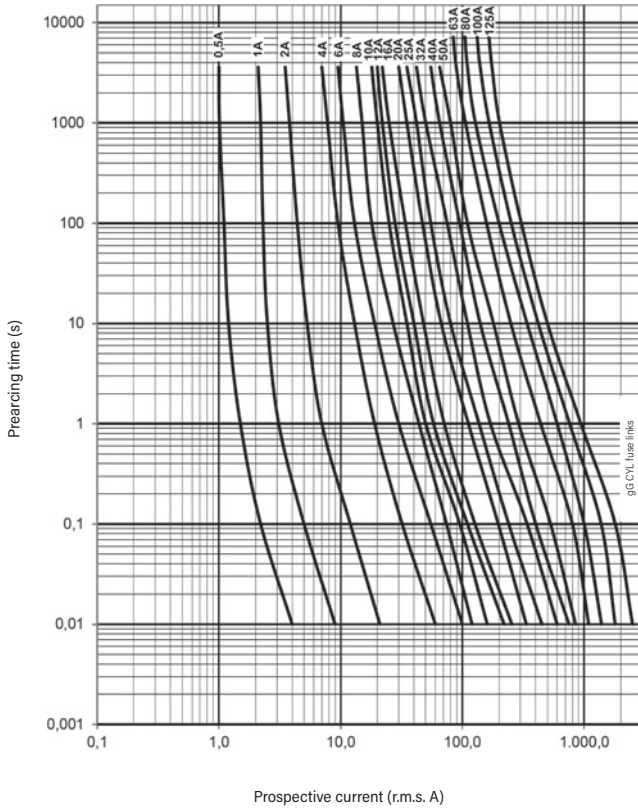
TECHNICAL DATA

	RATED VOLTAGE	RATED CURRENT	BREAKING CAPACITY
8x32	400V	0,5A...20A	20kA
10x38	500V 400V	0,5A...25A 32A	120kA 120kA
14x51	690V 500V 400V	1A...25A 32A 40A 50A	80kA 120kA 120kA
22x58	690V 500V	2A...63A 80A 125A	80kA 120kA

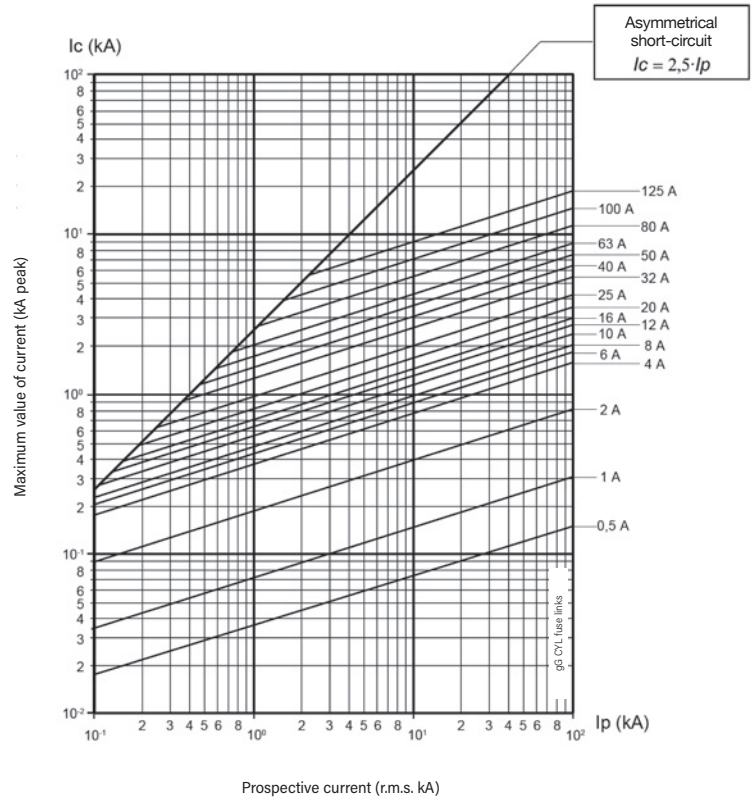
POWER DISSIPATION

RATED CURRENT (A)	8x32 (W)	10x38 (W)	14x51 (W)	22x58 (W)
0,5	1,2	1,43	-	-
1	2,0	2,77	3,90	-
2	0,5	0,60	0,80	0,90
4	0,8	0,70	0,90	1,10
6	1,1	0,80	1,05	1,30
8	1,3	0,85	1,10	1,90
10	1,0	1,00	1,30	1,50
12	1,2	1,30	1,50	1,80
16	1,5	1,90	2,50	3,00
20	2,0	2,00	2,60	3,10
25	-	2,50	3,30	3,30
32	-	2,90	4,00	4,30
40	-	-	4,75	4,40
50	-	-	4,80	5,50
63	-	-	-	4,95
80	-	-	-	7,00
100	-	-	-	7,95
125	-	-	-	10,0

t-I CHARACTERISTICS



CUT-OFF CHARACTERISTICS



I²t CHARACTERISTICS

RATED CURRENT (A)	PREARcing I ² t (A ² s)	I ² t 400V (W @ I _n)	I ² t 500V (A ² s)	I ² t 690V (A ² s)
0,5	4,0	8,6	10,4	15,0
1	6,5	13,2	15,7	22,0
2	7,0	14,6	17,6	25,0
4	45	90	108	150
6	70	140	166	230
8	80	158	188	260
10	120	248	297	420
12	180	362	431	600
16	270	536	636	880
20	500	981	1.162	1.600
25	800	1.688	2.034	2.900
32	1.200	2.412	2.871	4.000
40	2.500	4.907	5.808	8.000
50	5.100	11.262	13.728	20.000
63	10.000	22.011	26.811	39.000
80	15.000	45.471	60.000	-
100	39.800	77.229	91.150	-
125	56.000	120.074	145.300	-