

Wkładki topikowe 690V AC gG

Typ: DIII

Charakterystyka: gG

Prąd znamionowy: 2-63A

Napięcie znamionowe: 690V AC i 600V DC

Zwarciova zdolność wyłączenia: 50kA AC

Wg normy: IEC/PN 60269-1

Budowa: Korpus ze steatytu,
styki miedziane srebrzone,
bez zawartości Cd i Pb



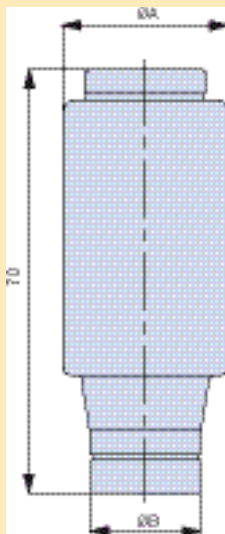
Wkładki topikowe D gG 690V AC

U_n	Wielkość	I_n [A]	Kolor wskaźnika	Rozmiar gwintu	Straty mocy P_n [W]	Opakowanie	Typ	Nr artykułu
AC690V	DIII	2	różowy	E33	1,0	25	D3/2/69	D3080900
		4	brązowy		1,1		D3/4/69	D3081200
		6	zielony		1,6		D3/6/69	D3081400
		10	czerwony		1,4		D3/10/69	D3081700
		16	szary		1,7		D3/16/69	D3082200
		20	niebieski		2,0		D3/20/69	D3082400
		25	żółty		2,2		D3/25/69	D3082600
		35	czarny		3,6		D3/35/69	D3083100
		50	biały		5,3		D3/50/69	D3083500
		63	miedziany		7,0		D3/63/69	D3083800

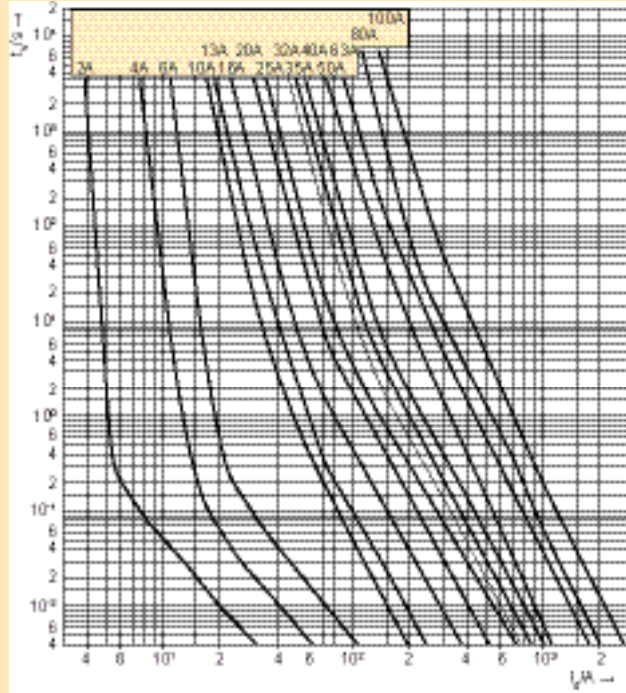
Dane techniczne

Typ			D3/.../69			
Wielkość			DIII (E33)			
Napięcie znamionowe	U_n	V	AC690 DC600			
Prąd znamionowy	I_n	A	2-6	10	16	20
Zwarciova zdolność wyłączenia	-	kA	50 (AC) 8 (DC)			
Charakterystyka			gG			
Normy			IEC/PN 60269-1 DIN VDE 0636-3011			
Wymiary	A	mm	27			
	B	mm	6	8	10	12
Waga	-	g	68	69	69	71

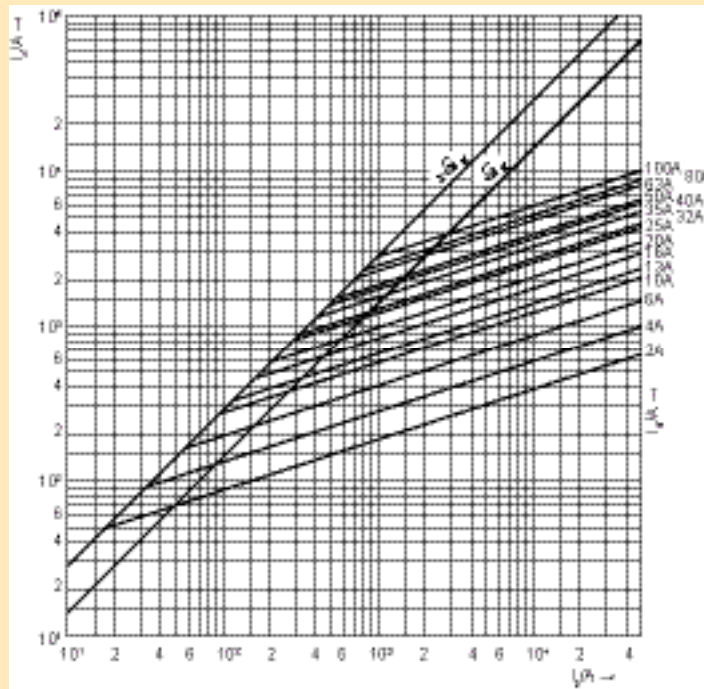
Typ			D3/.../69			
Wielkość			DIII (E33)			
Napięcie znamionowe	U_n	V	AC690 DC600			
Prąd znamionowy	I_n	A	25	35	50	63
Zwarciova zdolność wyłączenia	-	kA	50 (AC) 8 (DC)			
Charakterystyka			gG			
Normy			IEC/PN 60269-1 DIN VDE 0636-3011			
Wymiary	A	mm	27			
	B	mm	14	16	18	20
Waga	-	g	72	78	80	80



Charakterystyka czasowo-prądowa



Charakterystyka prądu ograniczonego



D fuse-links gG/flink 500 to 690VAC/500VDC

LOW VOLTAGE IEC FUSES

DIN LV FUSE-LINKS D



The D fuse-system is the first generation of screw fuse-system in the German DIN standard. It is still used in many installations.

Applications are low voltage distribution units, where non trained persons are allowed to change the fuse-links.

The D fuse range comprises the sizes NDZ, DII, DIII, DIV, DV.

The range of applications for D fuse-links is the protection of cables and power lines. They limit and cut-off unacceptable overcurrents and short circuit currents up to their nominal breaking capacity. D fuse-links "gG" also protect equipments and installations against dynamic effects of high short circuit currents.

TECHNICAL DATA OVERVIEW

Voltage Range AC	500 ... 690 VAC
Voltage DC	500 VDC
Ampere Range (A)	2 ... 200 A
Speed/Characteristic	gG/flink
Product Size	NDZ to DV

FEATURES & BENEFITS

- Insulated body suitable for high mechanical and thermal impacts
- Top and bottom contacts made of nickel plated copper alloy
- Safe cut-off short circuits and over currents due to special design of fuse element
- Clear indication of operation condition due to coloured indicator on top contact
- Low power dissipation
- Optimized size
- Resistant to aging
- Free of lead, cadmium, mercury, chrome 6 (rohs conformity)

APPLICATIONS

- House incoming units
- Meter distribution units
- Distribution cabinets
- Installation cabinets
- Fuse boxes

STANDARDS

- DIN VDE 0636-301



D fuse-links gG/flink 500 to 690VAC/500VDC

PRODUCT RANGE



NDZGG50V2

Size NDZ gG

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Weight	Package
NDZGG50V2	W212539	500 V	500 V	2 A	pink	11.4 g	25
NDZGG50V4	G213055	500 V	500 V	4 A	brown	11.2 g	25
NDZGG50V6	C213557	500 V	500 V	6 A	green	11.2 g	25
NDZGG50V10	B214062	500 V	500 V	10 A	red	12.4 g	25
NDZGG50V16	J214575	500 V	500 V	16 A	grey	13.4 g	25
NDZGG50V20	Q215087	500 V	500 V	20 A	blue	15 g	25
NDZGG50V25	Q215593	500 V	500 V	25 A	yellow	16.2 g	25



NDZFK50V2

Size NDZ flink

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Weight	Package
NDZFK50V2	C222918	500 V	500 V	2 A	pink	11.6 g	25
NDZFK50V4	L200708	500 V	500 V	4 A	brown	11.2 g	25
NDZFK50V6	A201250	500 V	500 V	6 A	green	11.2 g	25
NDZFK50V10	L201766	500 V	500 V	10 A	red	12.4 g	25
NDZFK50V16	D207049	500 V	500 V	16 A	grey	13.4 g	25
NDZFK50V20	B211509	500 V	500 V	20 A	blue	14.4 g	25
NDZFK50V25	Y212541	500 V	500 V	25 A	yellow	16 g	25



DIIGG50V2

Size DIIG gG

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Power dissipation at I _n	Weight	Package
DIIGG50V2	Z219718	500 V	500 V	2 A	pink	2.1 W	26 g	25
DIIGG50V4	G222163	500 V	500 V	4 A	brown	2 W	26 g	25
DIIGG50V6	B222917	500 V	500 V	6 A	green	1.2 W	26 g	25
DIIGG50V10	K200707	500 V	500 V	10 A	red	1.6 W	26.8 g	25
DIIGG50V10/6F	D213558	500 V	500 V	10 A	red	1.6 W	26.8 g	25
DIIGG50V16	K201765	500 V	500 V	16 A	grey	2.4 W	29 g	25
DIIGG50V20	A211508	500 V	500 V	20 A	blue	2.1 W	31 g	25
DIIGG50V25	X212540	500 V	500 V	25 A	yellow	3.5 W	31 g	25



DIIFK50V2

Size DIIF flink

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Weight	Package
DIIFK50V2	E213559	500 V	500 V	2 A	pink	26.4 g	25
DIIFK50V4	D214064	500 V	500 V	4 A	brown	26 g	25
DIIFK50V6	L214577	500 V	500 V	6 A	green	26 g	25
DIIFK50V10	S215089	500 V	500 V	10 A	red	26.8 g	25
DIIFK50V10/6F	X218152	500 V	500 V	10 A	red	1 g	25
DIIFK50V16	A216108	500 V	500 V	16 A	grey	29 g	25
DIIFK50V20	J217128	500 V	500 V	20 A	blue	31 g	25
DIIFK50V25	P217639	500 V	500 V	25 A	yellow	31.6 g	25



DIIGG50V32

Size DIIG gG

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Power dissipation at I _n	Weight	Package
DIIGG50V32	M229091	500 V	500 V	32 A	black	-	46.6 g	25
DIIGG50V35	C214063	500 V	500 V	35 A	black	3.7 W	50 g	25
DIIGG50V50	K214576	500 V	500 V	50 A	white	5.2 W	50 g	25
DIIGG50V63	R215088	500 V	500 V	63 A	copper	6 W	54.8 g	25

D fuse-links gG/flink 500 to 690VAC/500VDC

PRODUCT RANGE



DIIIFK50V35

Size DIII flink

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Weight	Package
DIIIFK50V35	J218669	500 V	500 V	35 A	black	50 g	25
DIIIFK50V50	J222165	500 V	500 V	50 A	white	50.8 g	25
DIIIFK50V63	M200709	500 V	500 V	63 A	copper	54.8 g	25



DIIIGG69V2

Size DIII gG 690VAC

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Colour	Power dissipation at I _n	Weight	Package
DIIIGG69V2	R215594	690 V	2 A	pink	-	70 g	25
DIIIGG69V4	Z216107	690 V	4 A	brown	10 W	71.2 g	25
DIIIGG69V6	W216610	690 V	6 A	green	12 W	68 g	25
DIIIGG69V10	H217127	690 V	10 A	red	17 W	72.4 g	25
DIIIGG69V16	N217638	690 V	16 A	grey	14 W	73.4 g	25
DIIIGG69V20	W218151	690 V	20 A	blue	18 W	72 g	25
DIIIGG69V25	H218668	690 V	25 A	yellow	20 W	77 g	25
DIIIGG69V35	X219187	690 V	35 A	black	23 W	72.6 g	25
DIIIGG69V50	A219719	690 V	50 A	white	36 W	78.2 g	25
DIIIGG69V63	H222164	690 V	63 A	copper	55 W	81 g	25



DIVGG50V80

Size DIV gG

Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Power dissipation at I _n	Weight	Package
DIVGG50V80	V216609	500 V	500 V	80 A	silver	7.9 W	0.1126 kg	10
DIVGG50V100	M217637	500 V	500 V	100 A	red	8.9 W	0.1156 kg	10



DVGG50V125

Size DV gG

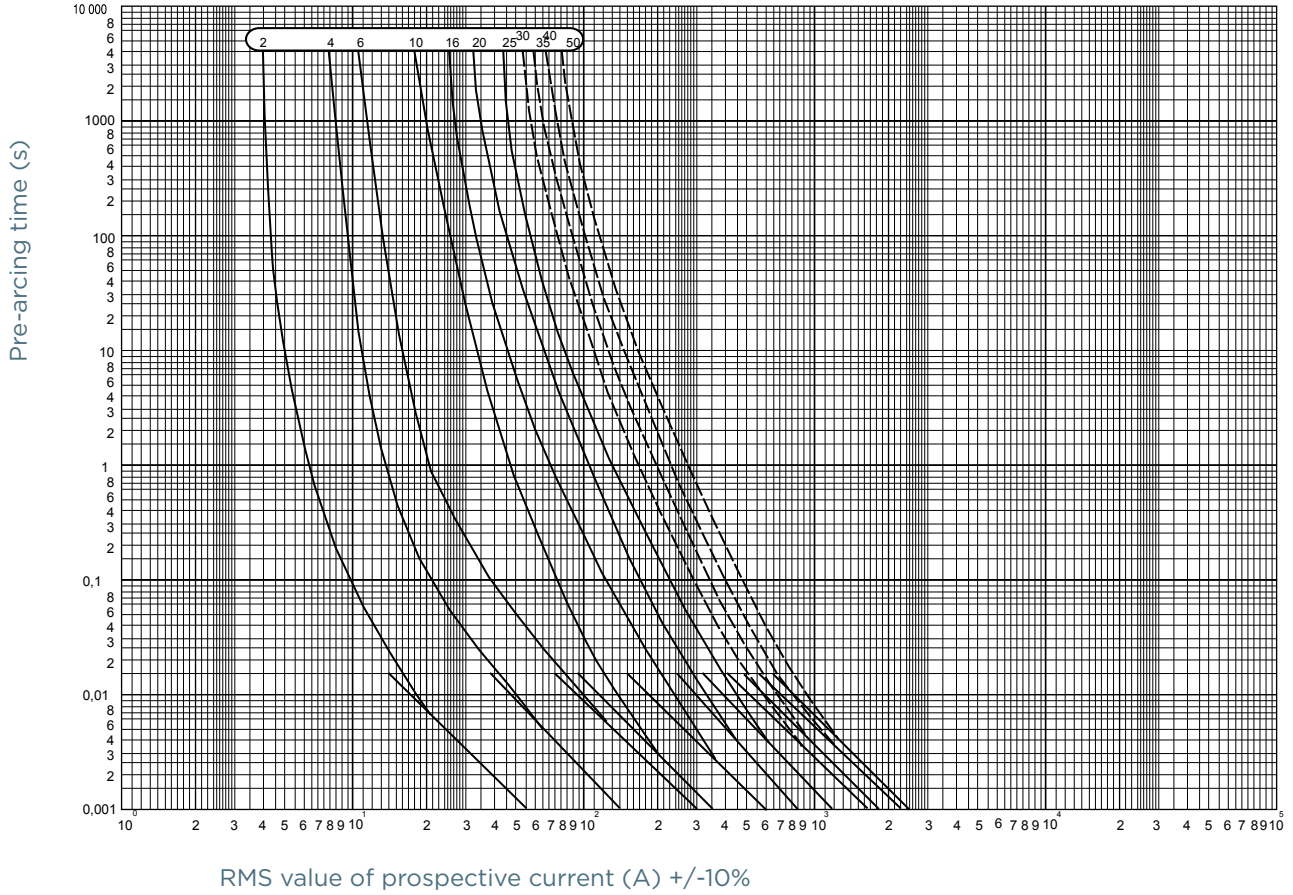
Catalog number	Reference number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Colour	Power dissipation at I _n	Weight	Package
DVGG50V125	V218150	500 V	500 V	125 A	yellow	10 W	0.177 kg	5
DVGG50V160	G218867	500 V	500 V	160 A	copper	16.5 W	0.202 kg	5
DVGG50V200	W219186	500 V	500 V	200 A	blue	18 W	0.207 kg	5

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D fuse-links gG/flink 500 to 690VAC/500VDC

TIME CURRENT CHARACTERISTIC CURVES

TNDZ 2A-50A

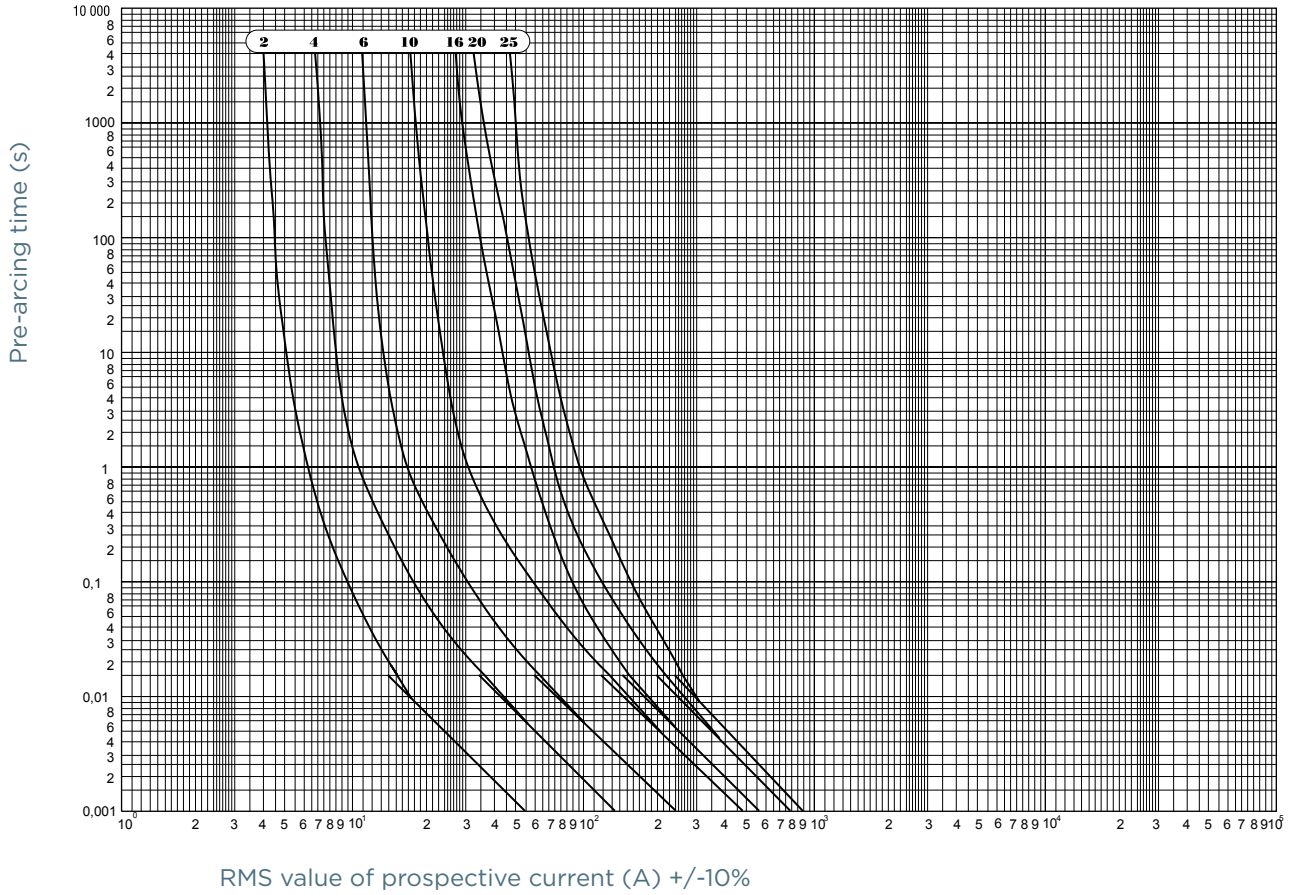


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D fuse-links gG/flink 500 to 690VAC/500VDC

TIME CURRENT CHARACTERISTIC CURVES

NDZ 2A-25A

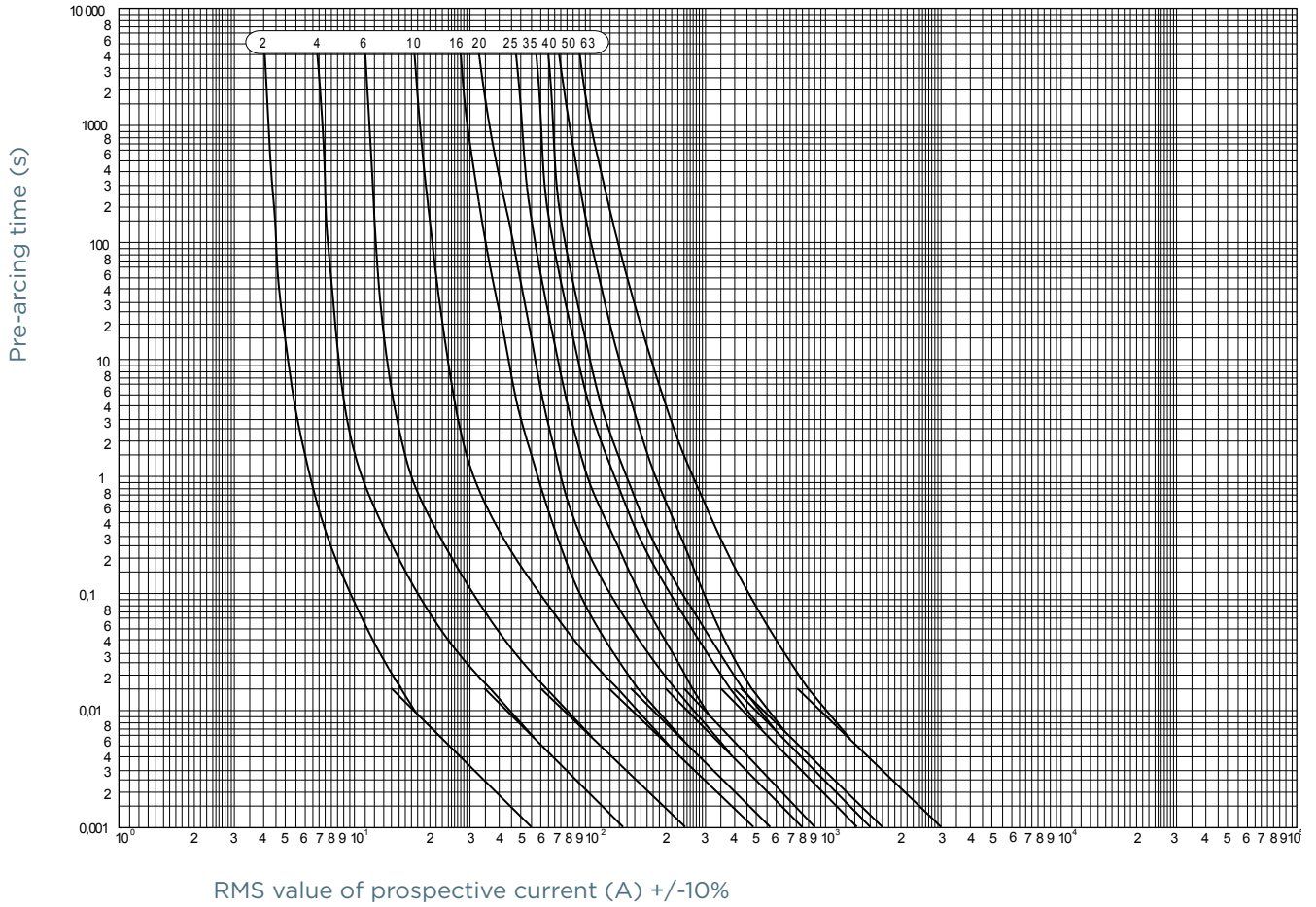


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D fuse-links gG/flink 500 to 690VAC/500VDC

TIME CURRENT CHARACTERISTIC CURVES

DII-DIII 2A-63A

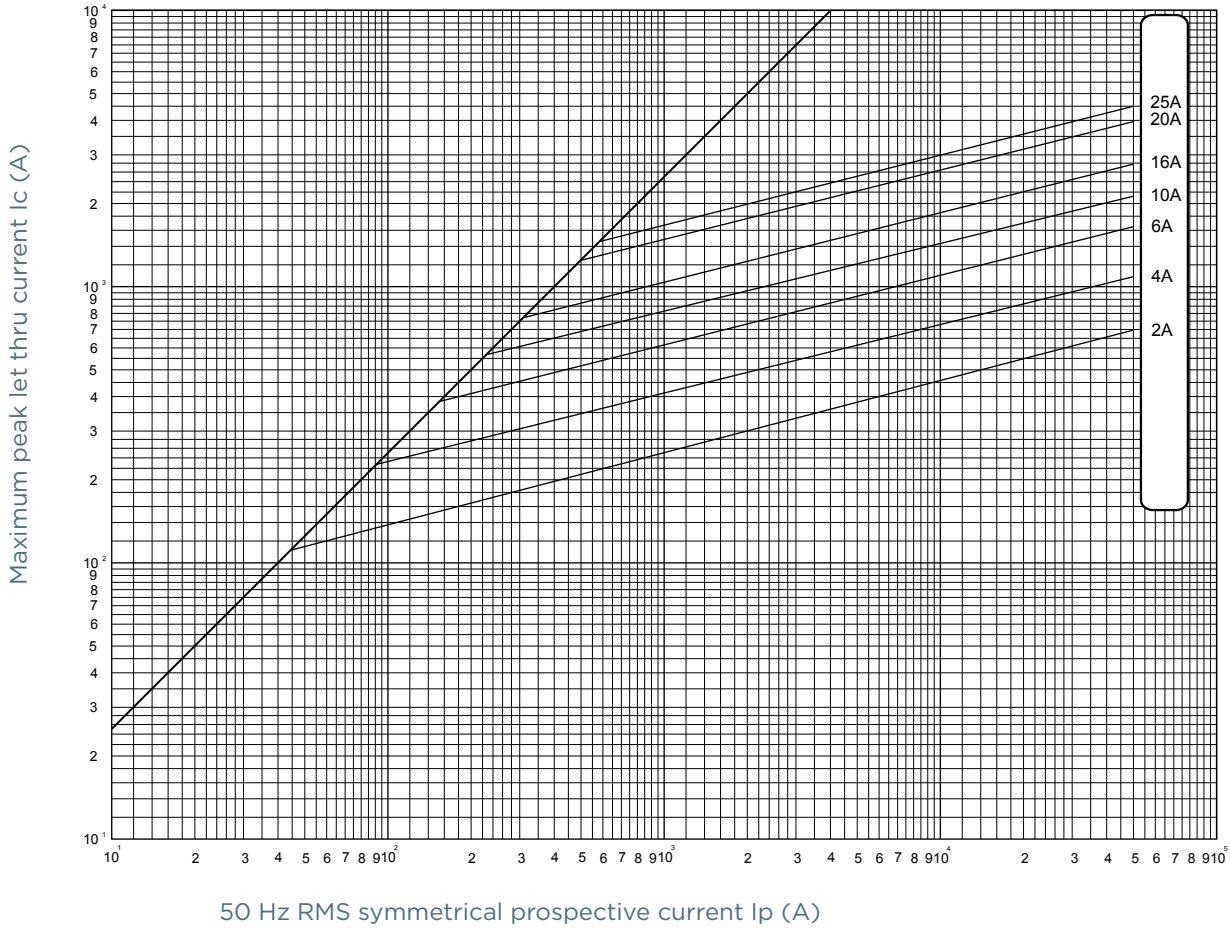


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D fuse-links gG/flink 500 to 690VAC/500VDC

CUT-OFF CURRENT CHARACTERISTIC

TNDZ 2A-25A

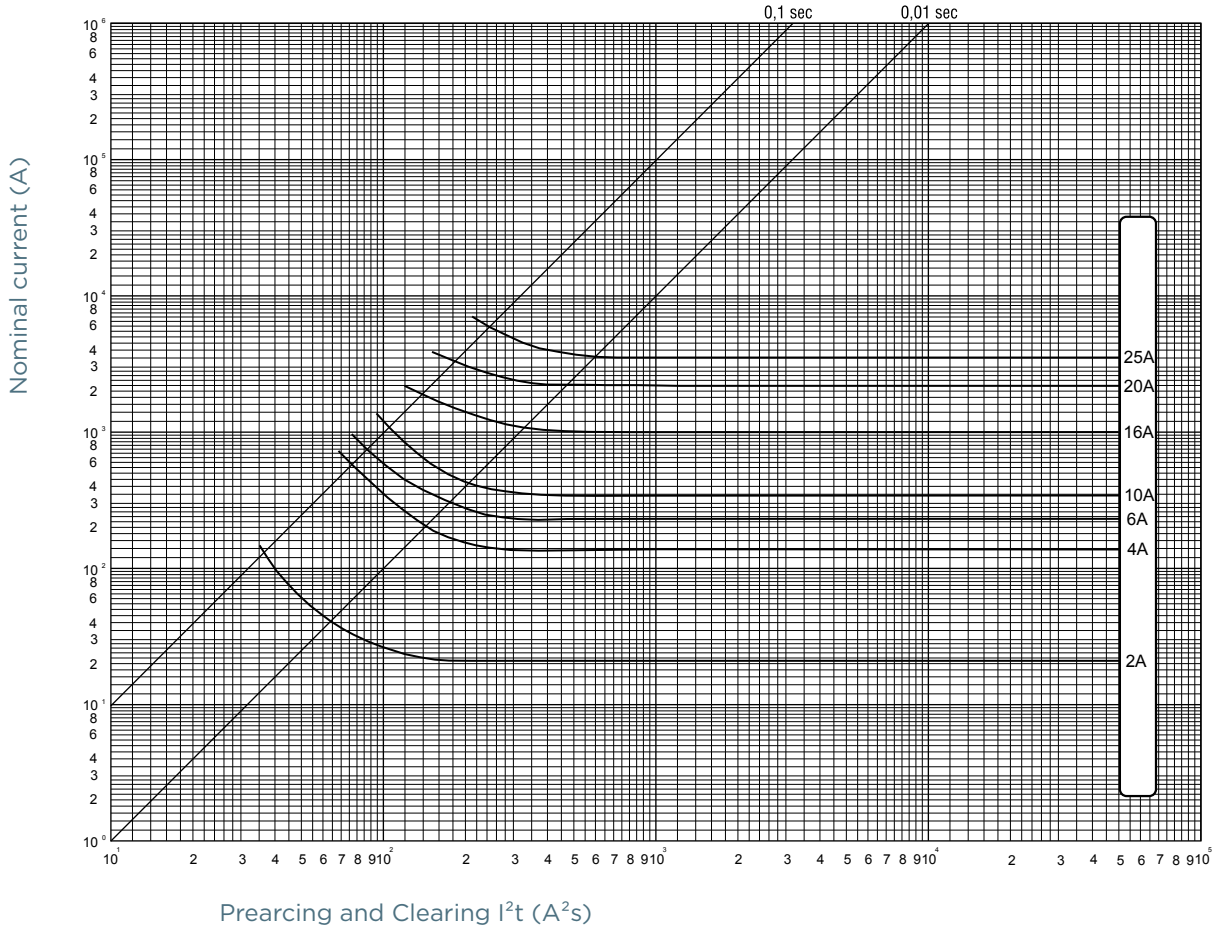


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D fuse-links gG/flink 500 to 690VAC/500VDC

CHARACTERISTICS TOTAL I²T CURVE

TNDZ 2A-25A

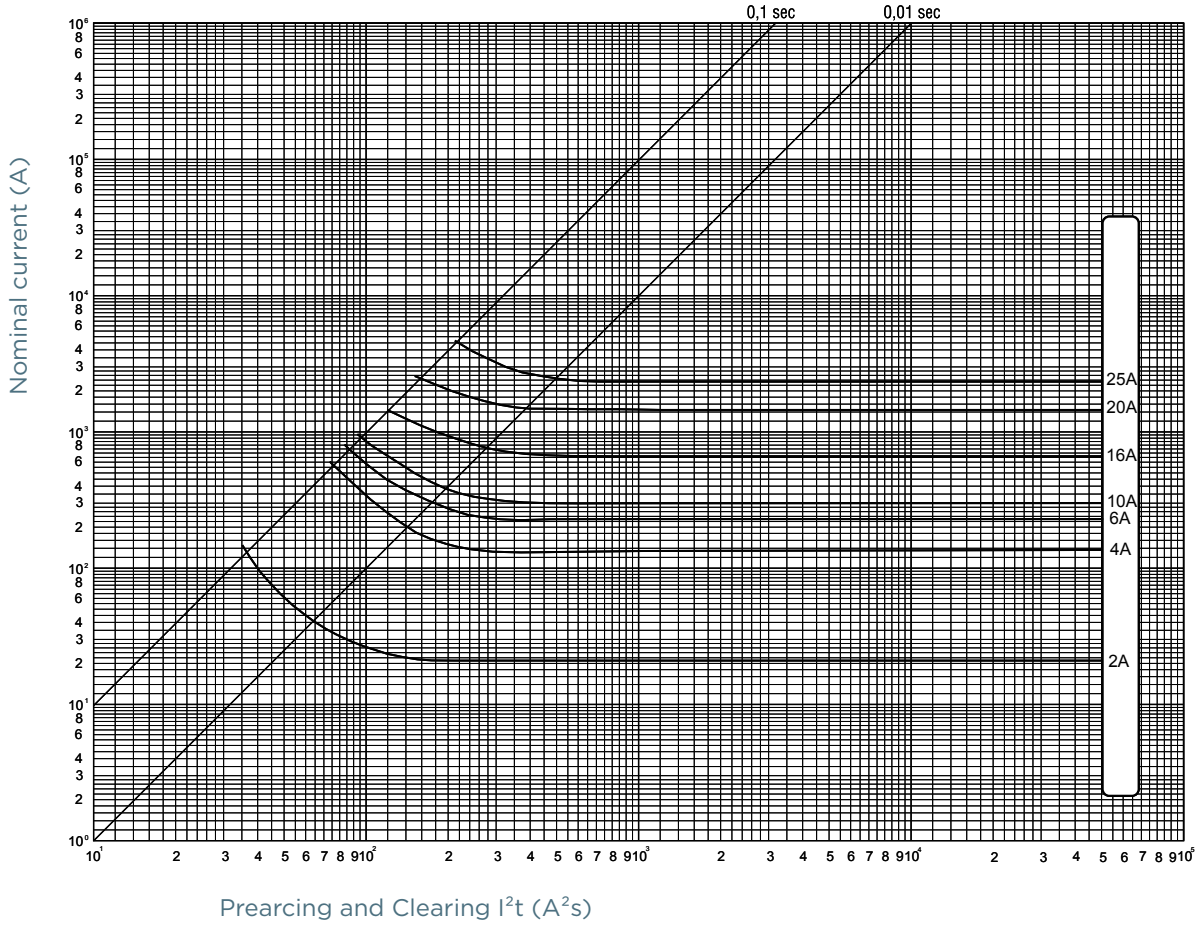


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D fuse-links gG/flink 500 to 690VAC/500VDC

CHARACTERISTICS TOTAL I²T CURVE

NDZ 2A-63A

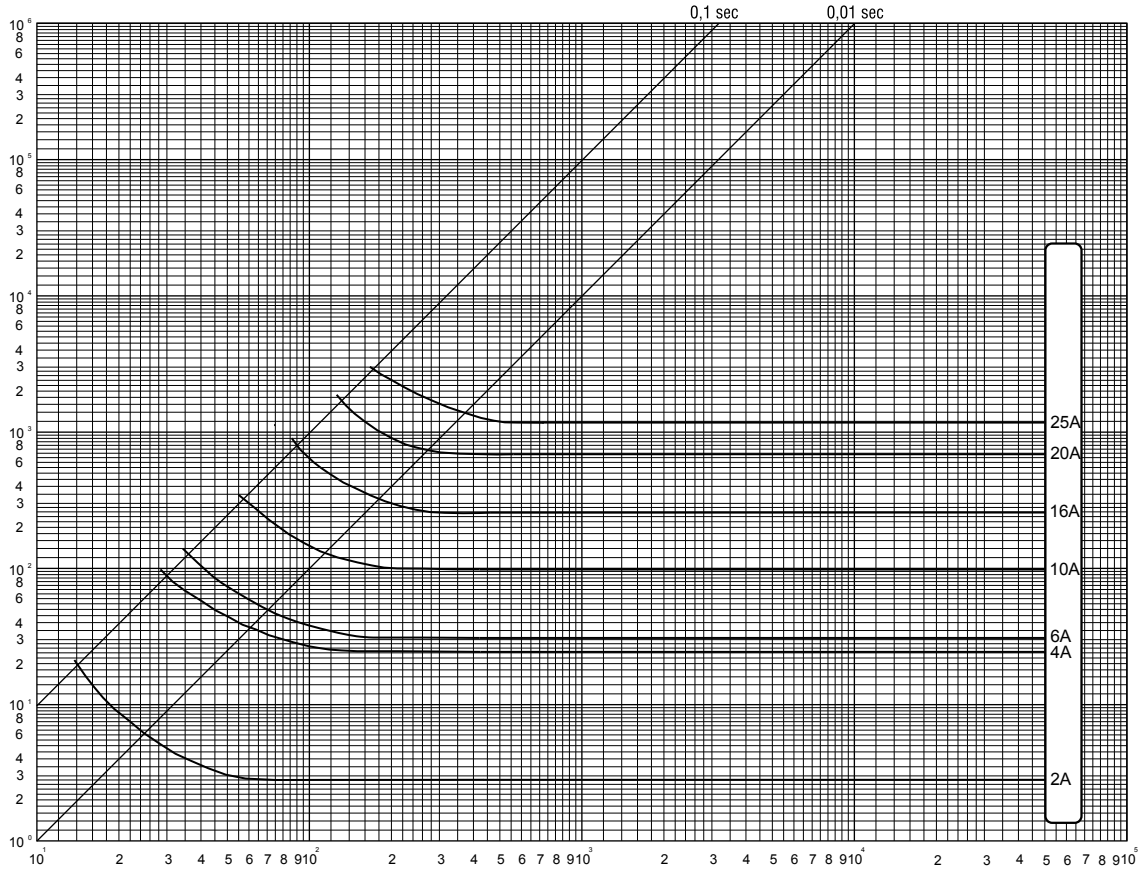


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D fuse-links gG/flink 500 to 690VAC/500VDC

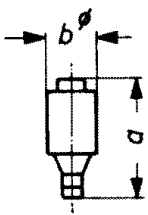
PEAK ARC VOLTAGE

TNDZ 2A-25A



DIMENSIONS

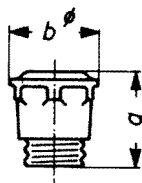
D fuse-links



Size	a	bØ
NDZ	50	12
DII	50	22
DIII	50	27
DIV	63	37
DV	63	45

Dimensions in mm

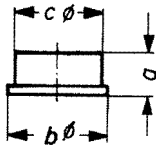
D screw-caps



Article Number	a	bØ
00590.000200	42	34
00591.00200	43	42
00589.000200	34	27
00605.000000	65	42.5
00690.000000	42	34
00691.000000	43	42
02071.000000	42	33
02072.000000	43	40

Dimensions in mm

D touch-protection-rings



Article Number	a	bØ	cØ
00181.900000	17,5	44.5	40.5
00182.900000	19	54	50.5

Dimensions in mm