

Wkładki topikowe NH, DIN80 i DIN110 690V AC gR

Typ: NH, DIN80 i DIN110 690V gR

Charakterystyka: gR

Prąd znamionowy: 16-160A

Napięcie znamionowe: 690V AC

Zwarciova zdolność wyłączenia: 200kA

Wymiary, wielkości: NH000 i NH00

Wg normy: IEC 60269-1, IEC 60269-4, DIN VDE 0636-2

Zastosowanie: ochrona półprzewodników

Uwagi: o inne wykonania prosimy pytać

Producent: MERSEN (FERRAZ SHAWMUT)

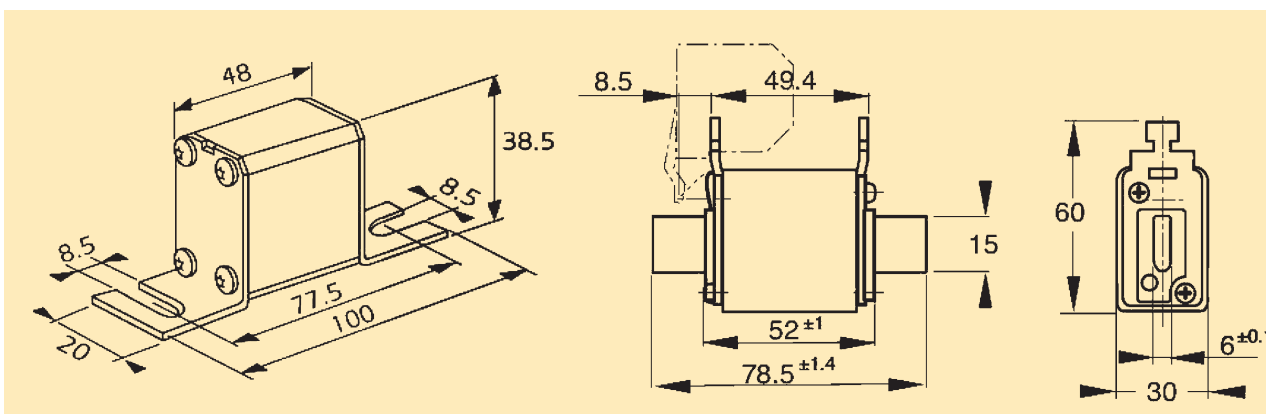

Wkładki topikowe DIN80 NH 690V AC gR

Wielkość	Napięcie znamionowe	I _n [A]	Klasa	Numer katalogowy bez indykatora	Nr artykułu	Całk Joule`a przedłukowa I ² t[A ² s]	Całk Joule`a wyłączenia I ² t[A ² s]	Straty mocy	
								100% P _n [W]	80% P _n [W]
000	690V	16	gR	DN000GB69V16	L330060	8,2	60*	5,6	-
		20		DN000GB69V20	D330030	12	80*	7	3,8
		25		DN000GB69V25	E330031	20	150*	9	5,0
		32		DN000GB69V32	F330032	39	270*	10	5,5
		40		DN000GB69V40	G330033	70	460*	12	6,6
		50		DN000GB69V50	H330034	102	730*	14	7,7
		63		DN000GB69V63	J330035	210	1500*	16	8,8
		80		DN000GB69V80	A330073	475	2900*	18	9,9
		100		DN000GB69V100	S330112	970	6000*	20	11
		125		DN000GB69V125	T330113	1900	11800*	21	11,6

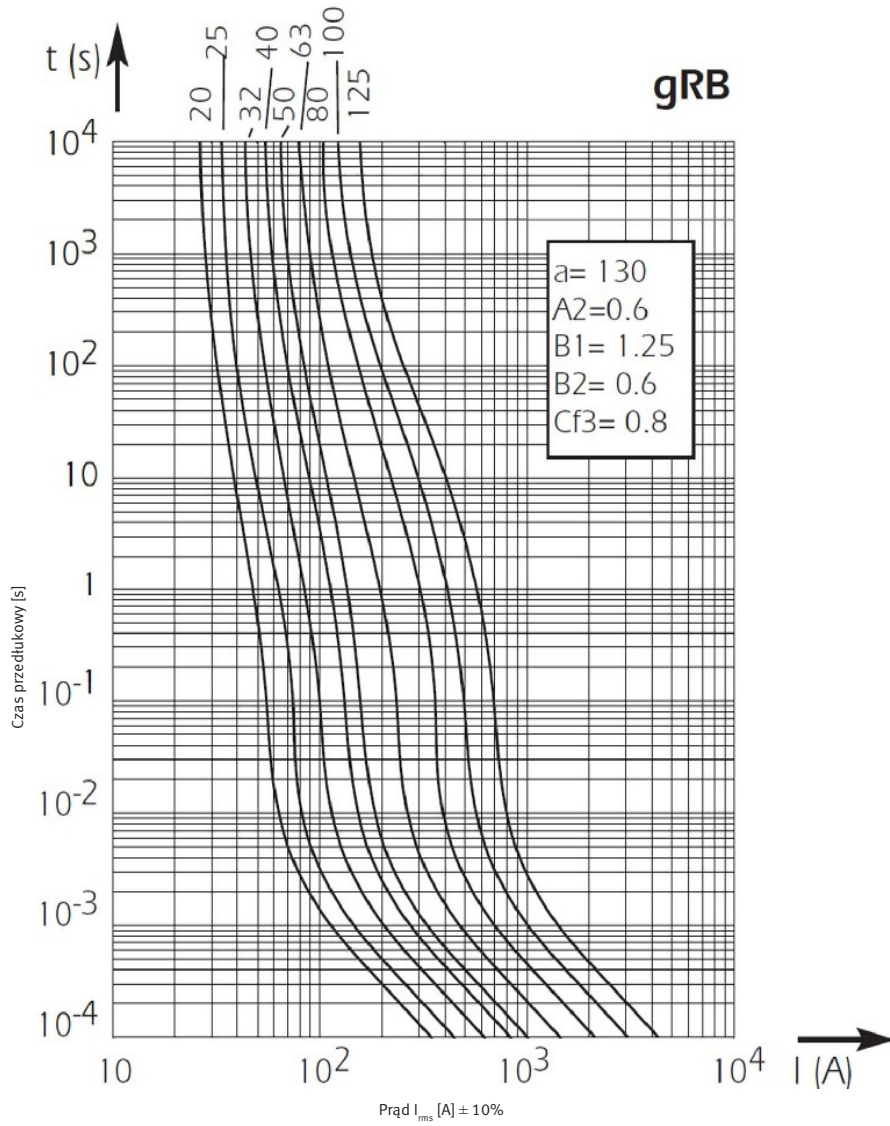
 *I²t mierzone przy napięciu 660V

Wkładki topikowe NH 690V AC gR

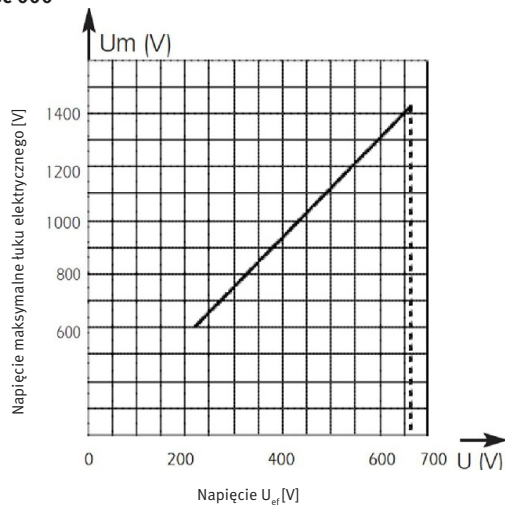
Wielkość	Napięcie znamionowe	I _n [A]	Klasa	Numer katalogowy bez indykatora	Nr artykułu	Całk Joule`a przedłukowa I ² t[A ² s]	Całk Joule`a wyłączenia I ² t[A ² s]	Straty mocy	
								100% P _n [W]	80% P _n [W]
000	690V	16	gR	PC000GB69V16PV	Y210609	8,2	60*	5,6	-
		20		PC000GB69V20PV	Z210610	12	80*	7	3,8
		25		PC000GB69V25PV	A210611	20	150*	9	5,0
		32		PC000GB69V32PV	B210612	39	270*	10	5,5
		40		PC000GB69V40PV	C210613	70	460*	12	6,6
		50		PC000GB69V50PV	D210614	102	730*	14	7,7
		63		PC000GB69V63PV	E210615	210	1500*	16	8,8
		80		PC000GB69V80PV	F210616	475	2900*	18	9,9
		100		PC000GB69V100PV	G210617	970	6000*	20	11
		125		PC000GB69V125PV	H210618	1900	11800*	21	11,6

 *I²t mierzone przy napięciu 660V


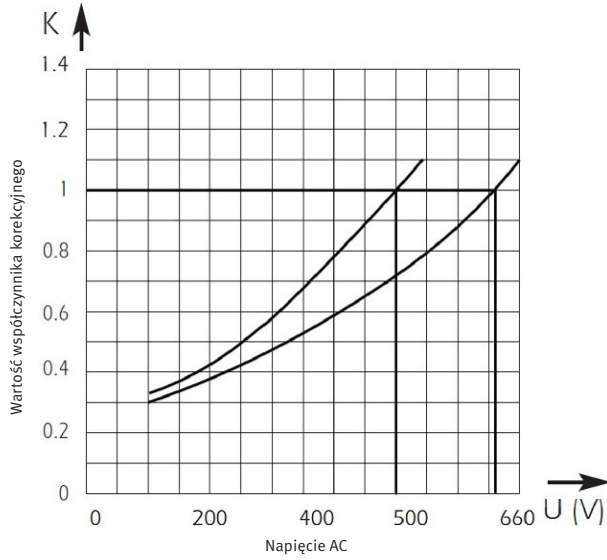
**Charakterystyka czasowo-prądowa
wielkość 000**



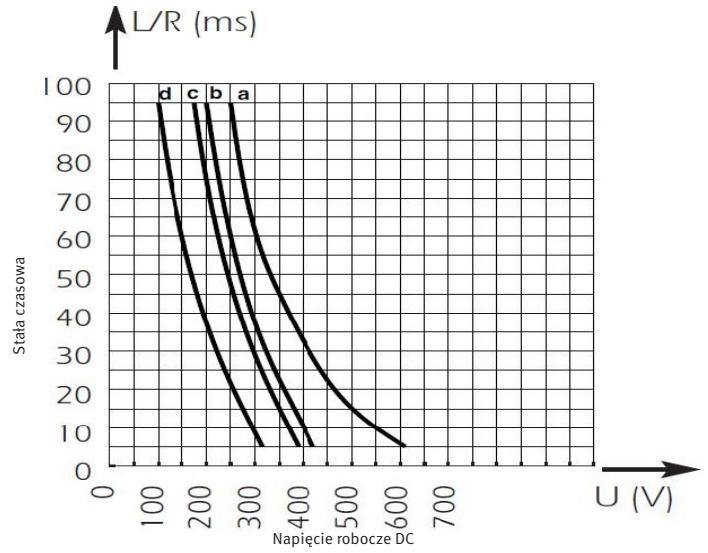
**Maksymalny spadek napięcia łuku elektrycznego
wielkość 000**



Współczynnik korekcyjny wkładki dla określenia wartości całki wyłączeniowej wkładki I²t wielkość 000

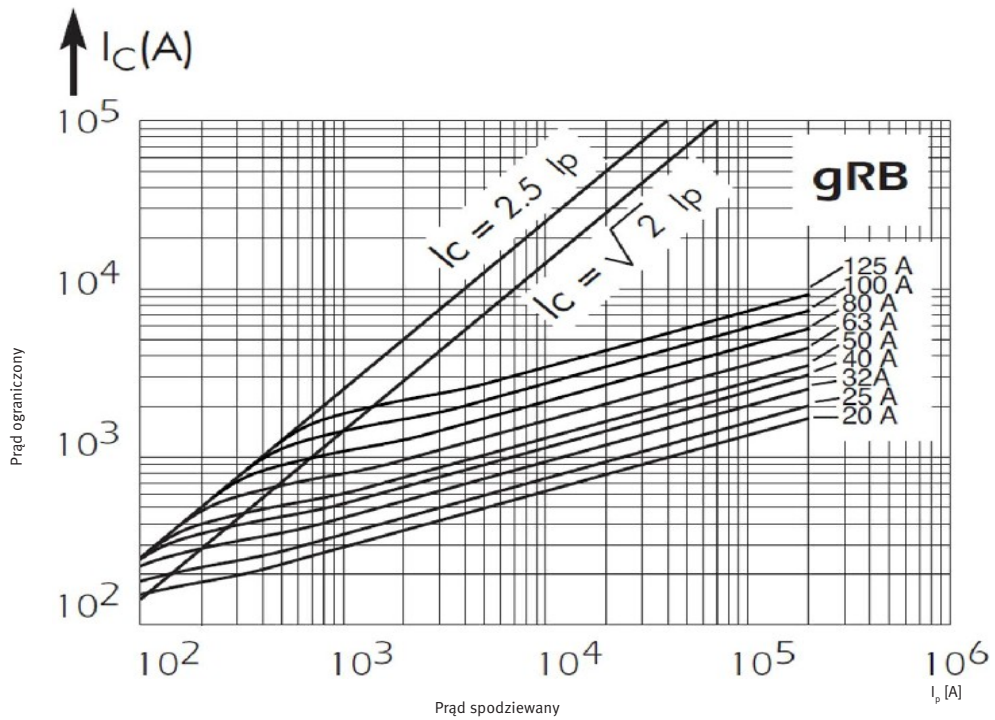


Charakterystyka stałej czasowej L/R w funkcji napięcia roboczego DC wielkość 000

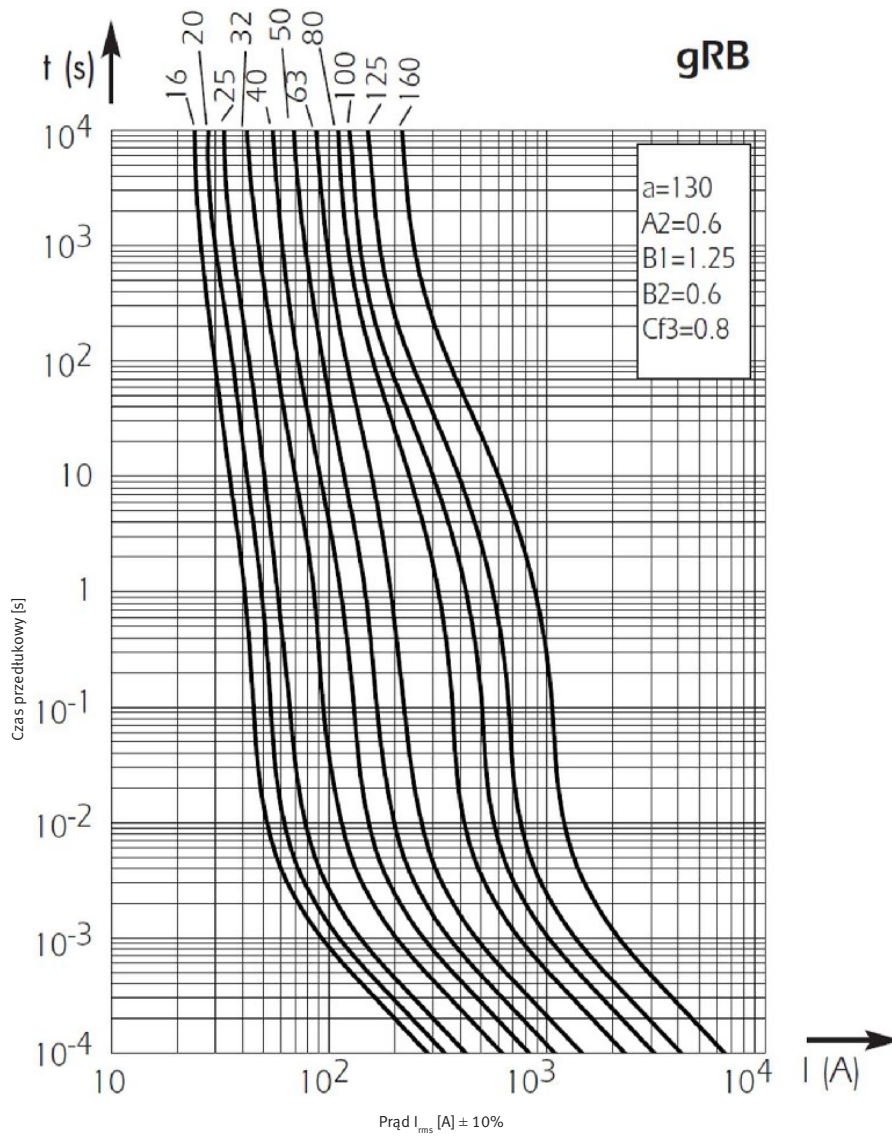


krzywa a: prąd znamionowy 20-160A
 krzywa b: prąd znamionowy 200A
 krzywa c: prąd znamionowy 250-315A
 krzywa d: prąd znamionowy 350-400A

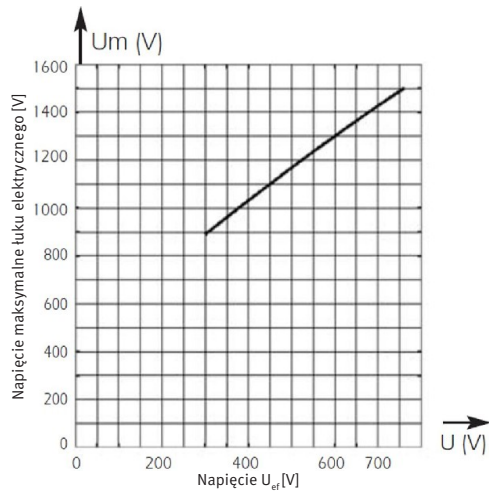
Charakterystyka prądu ograniczonego wielkość 000



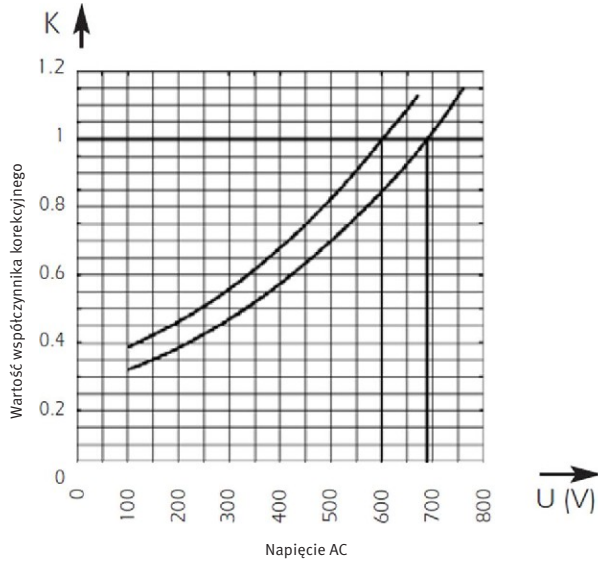
**Charakterystyka czasowo-prądowa
wielkość 00**



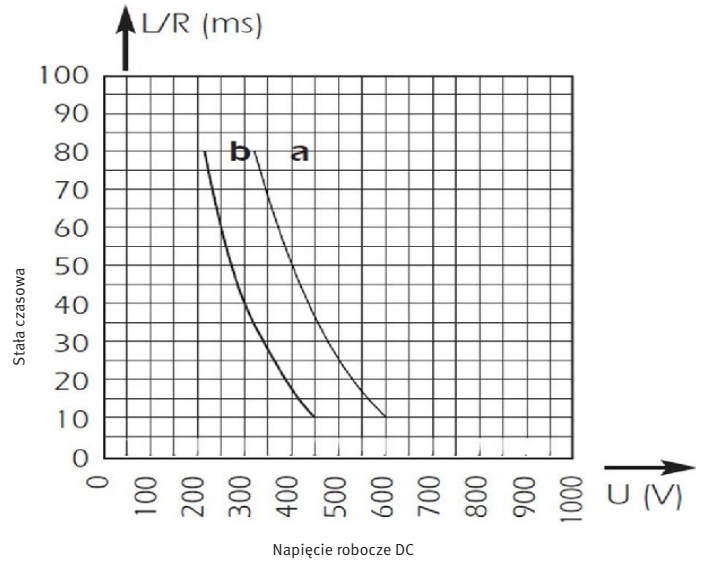
**Maksymalny spadek napięcia łuku elektrycznego
wielkość 00**



Współczynnik korekcyjny wkładki dla określenia wartości całki wyłączeniowej wkładki I²t wielkość 00

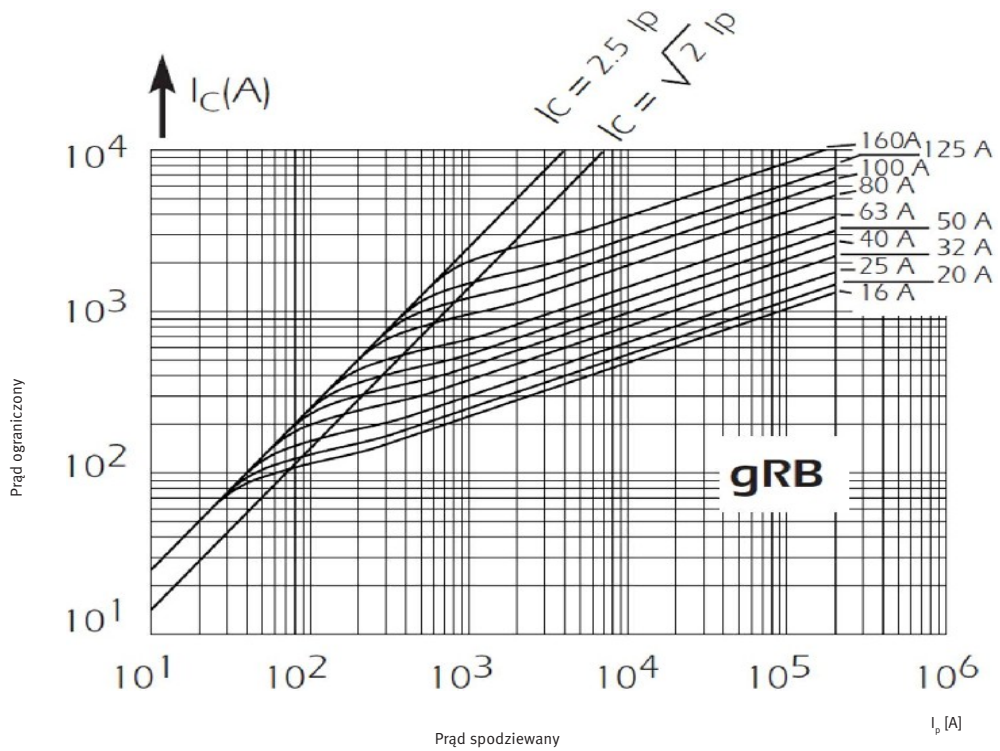


Charakterystyka stałej czasowej L/R w funkcji napięcia roboczego DC wielkość 00



krzywa a: prąd znamionowy 16-250A
krzywa b: prąd znamionowy 315-450A

Charakterystyka prądu ograniczonego wielkość 00



Protistor® size 70 gR

690VAC (IEC)

SEMICONDUCTOR PROTECTION FUSES

SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION



The 690V Protistor® fuse-links provide maximum flexibility in equipment design and ultimate protection for today’s power conversion equipment. These square body fuse-links are available in different body sizes, each size having multiple worldwide acceptable mounting styles.

The Protistor® gR have been engineered to provide full range protection to eliminate all overloads and short circuit fault. Each fuse is assembled with pure silver, die-cut elements embedded in solidified sand, which helps control arcing characteristics for a lower I^2t and high interrupting rating level. All contact surfaces are silver plated and all hardware is non-magnetic. All fuse-links can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Ampere Range (A)	50 ... 350 A
Speed/Characteristic	gRB
I.R. AC (kA)	150 kA
Product Size	70

FEATURES & BENEFITS

- Excellent cycling capability
- Multiple body sizes and terminals or blades combination
- Extremely fast acting
- Eliminate all overloads
- Low I^2t for improved semiconductor protection
- gR Class according to IEC 60269-4 and VDE 636-23

APPLICATIONS

- Protection of inverters, motor drives, UPS systems and similar 690V or less equipment.

STANDARDS

- IEC 60269-4 Compliance



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Protistor® size 70 gR

690VAC (IEC)

PRODUCT RANGE



PC70GB69V250TF

Size 70 type TTF-with one ISO metric threaded hole

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC70GB69V50TF	C301279	690 V	50 A	118 A ² s	700 A ² s	150 kA	17 W	0.339 kg	3
PC70GB69V63TF	D301280	690 V	63 A	266 A ² s	1600 A ² s	150 kA	18 W	0.339 kg	3
PC70GB69V80TF	E301281	690 V	80 A	473 A ² s	2800 A ² s	150 kA	22 W	0.339 kg	3
PC70GB69V100TF	F301282	690 V	100 A	1058 A ² s	6200 A ² s	150 kA	23 W	0.339 kg	3
PC70GB69V125TF	G301283	690 V	125 A	1897 A ² s	11200 A ² s	150 kA	26 W	0.339 kg	3
PC70GB69V160TF	L301310	690 V	160 A	4232 A ² s	25000 A ² s	150 kA	29 W	0.339 kg	3
PC70GB69V200TF	M301311	690 V	200 A	7540 A ² s	44000 A ² s	150 kA	34 W	0.339 kg	3
PC70GB69V250TF	N301312	690 V	250 A	13450 A ² s	79000 A ² s	150 kA	40 W	0.339 kg	3
PC70GB69V315TF	P301313	690 V	315 A	24110 A ² s	142000 A ² s	150 kA	47 W	0.339 kg	3

Size 70 for bolted connections

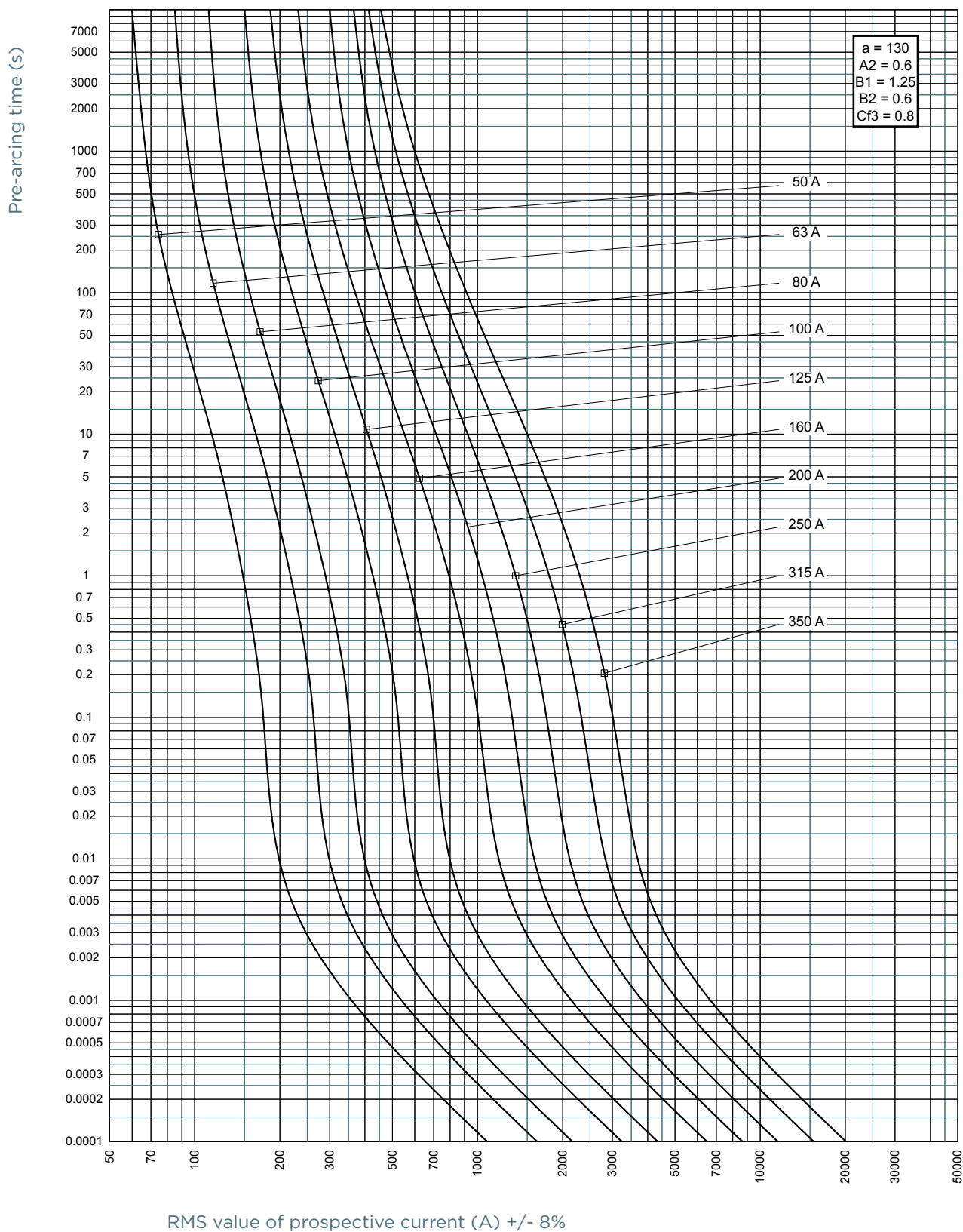
Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC70GB69V50ESF	P301290	690 V	50 A	118 A ² s	700 A ² s	150 kA	17 W	400 g	3
PC70GB69V63ESF	Q301291	690 V	63 A	266 A ² s	1600 A ² s	150 kA	18 W	400 g	3
PC70GB69V80ESF	E301304	690 V	80 A	473 A ² s	2800 A ² s	150 kA	22 W	400 g	3
PC70GB69V100ESF	S301293	690 V	100 A	1058 A ² s	6200 A ² s	150 kA	23 W	0.4 kg	3
PC70GB69V125ESF	F301305	690 V	125 A	1897 A ² s	11200 A ² s	150 kA	26 W	0.4 kg	3
PC70GB69V160ESF	G301306	690 V	160 A	4232 A ² s	25000 A ² s	150 kA	29 W	0.4 kg	3
PC70GB69V200ESF	H301307	690 V	200 A	7540 A ² s	44000 A ² s	150 kA	34 W	0.4 kg	3
PC70GB69V250ESF	J301308	690 V	250 A	13448 A ² s	79000 A ² s	150 kA	40 W	400 g	3

Size 70 type DIN110

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC70GB69V100D1A	Q302027	690 V	100 A	1058 A ² s	6200 A ² s	150 kA	23 W	0.3633 kg	3
PC70GB69V125D1A	S302742	690 V	125 A	1897 A ² s	11200 A ² s	150 kA	26 W	365 g	3
PC70GB69V160D1A	R301591	690 V	160 A	4232 A ² s	25000 A ² s	150 kA	29 W	0.3633 kg	3
PC70GB69V200D1A	S301592	690 V	200 A	7540 A ² s	44000 A ² s	150 kA	34 W	0.3633 kg	3
PC70GB69V250D1A	Z301943	690 V	250 A	13448 A ² s	79000 A ² s	150 kA	40 W	0.3633 kg	3
PC70GB69V315D1A	J301584	690 V	315 A	24112 A ² s	142000 A ² s	150 kA	47 W	0.3633 kg	3
PC70GB69V350D1A	W302124	690 V	350 A	40780 A ² s	240000 A ² s	150 kA	47 W	365 g	3

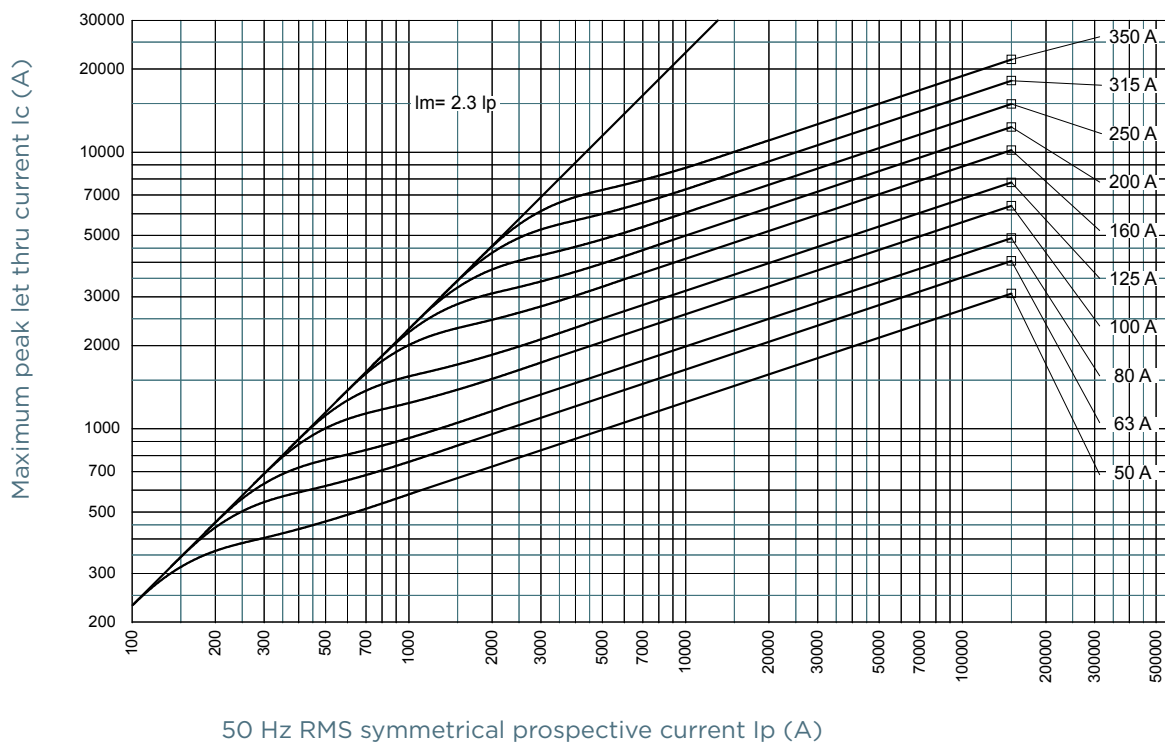
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TIME CURRENT CHARACTERISTIC CURVES

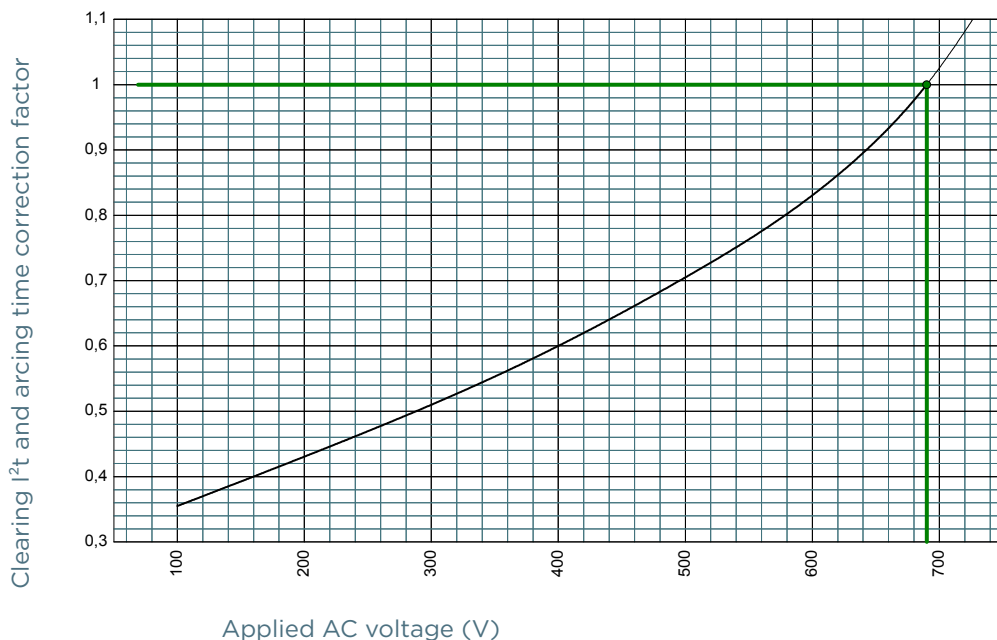


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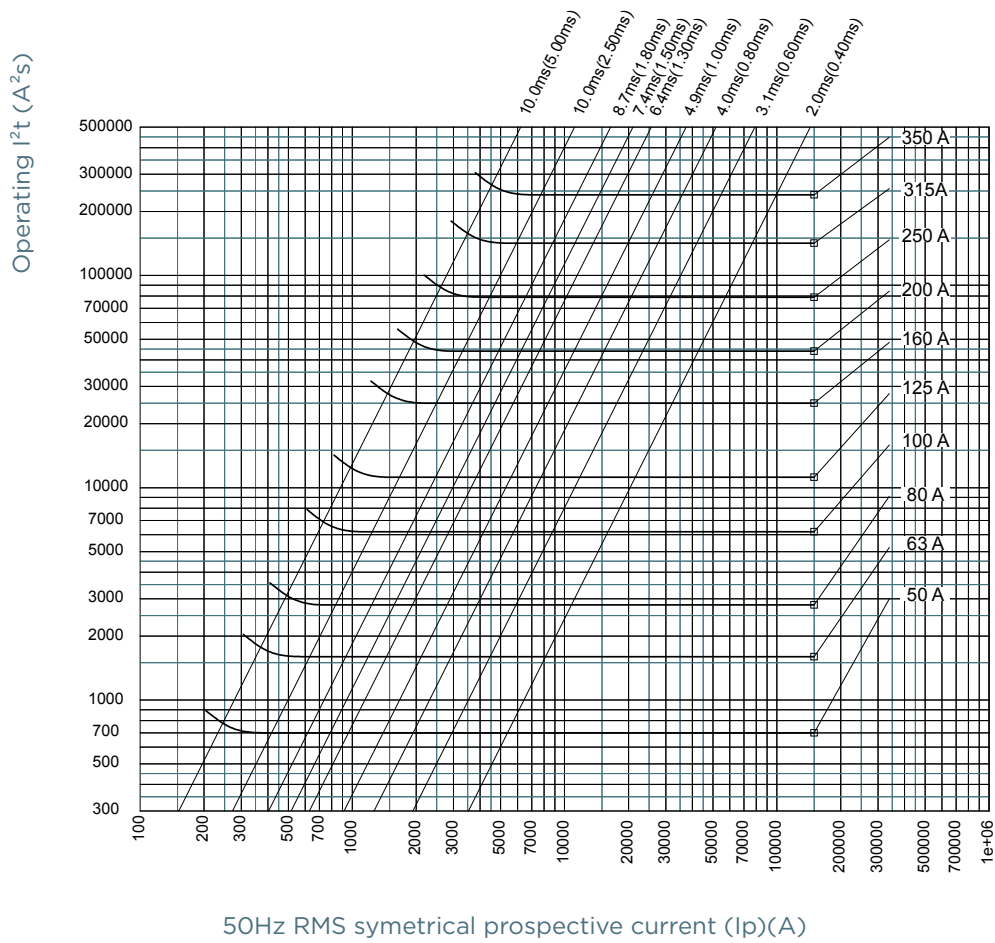
CUT-OFF CURRENT CHARACTERISTIC



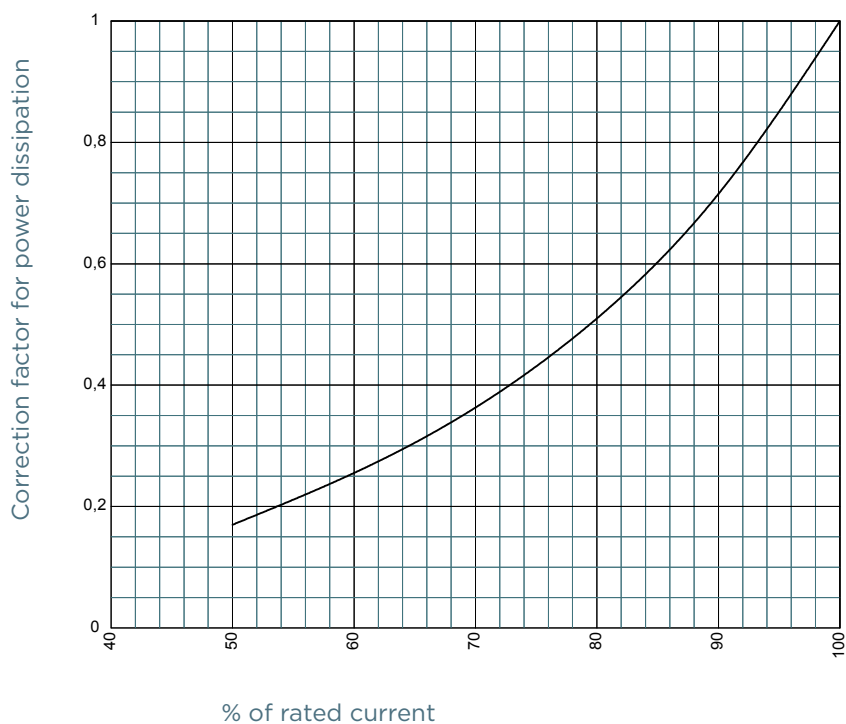
I²T MULTIPLIER COEFFICIENT



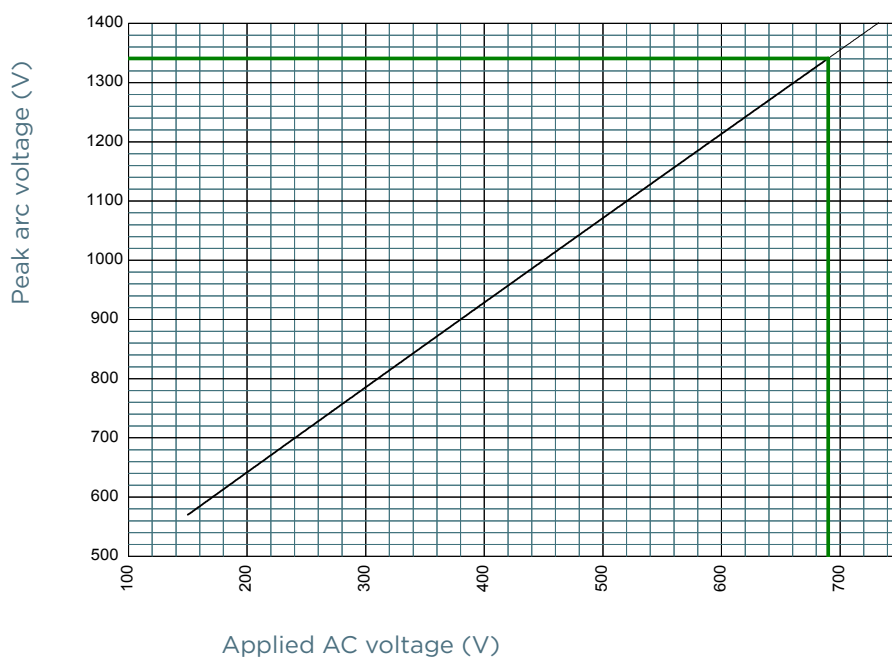
CHARACTERISTICS TOTAL I²T CURVE



POWER DISSIPATION



PEAK ARC VOLTAGE



Protistor® size 71 gR

690VAC (IEC)

SEMICONDUCTOR PROTECTION FUSES

SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION



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All fuse-links can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Ampere Range (A)	125 ... 500 A
Speed/Characteristic	gRB
I.R. AC (kA)	150 kA
Product Size	71

FEATURES & BENEFITS

- Excellent cycling capability
- Multiple body sizes and terminals or blades combination
- Extremely fast acting
- Eliminate all overloads
- Low I^2t for improved semiconductor protection
- gR Class according to IEC 60269-4 and VDE 636-23

APPLICATIONS

- Protection of inverters, motor drives, UPS systems and similar 690V or less equipments.

STANDARDS

- IEC 60269-4 Compliance



PRODUCT RANGE

Size 71 type TTF-with one ISO metric threaded hole

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC71GB69V125TF	Q301314	690 V	125 A	1.06 kA ² s	6.2 kA ² s	150 kA	35 W	515 g	3
PC71GB69V160TF	R301315	690 V	160 A	2.39 kA ² s	14 kA ² s	150 kA	38 W	0.514 kg	3
PC71GB69V200TF	S301316	690 V	200 A	5 kA ² s	29.5 kA ² s	150 kA	41 W	0.514 kg	3
PC71GB69V250TF	T301317	690 V	250 A	9.58 kA ² s	56 kA ² s	150 kA	46 W	515 g	3
PC71GB69V315TF	N301427	690 V	315 A	18.4 kA ² s	108 kA ² s	150 kA	53 W	0.514 kg	3
PC71GB69V350TF	V301318	690 V	350 A	23.2 kA ² s	140 kA ² s	150 kA	58 W	0.514 kg	3
PC71GB69V400TF	W301319	690 V	400 A	38.3 kA ² s	225 kA ² s	150 kA	59 W	0.514 kg	3
PC71GB69V500TF	S301707	690 V	500 A	78.1 kA ² s	460 kA ² s	150 kA	64 W	0.514 kg	3

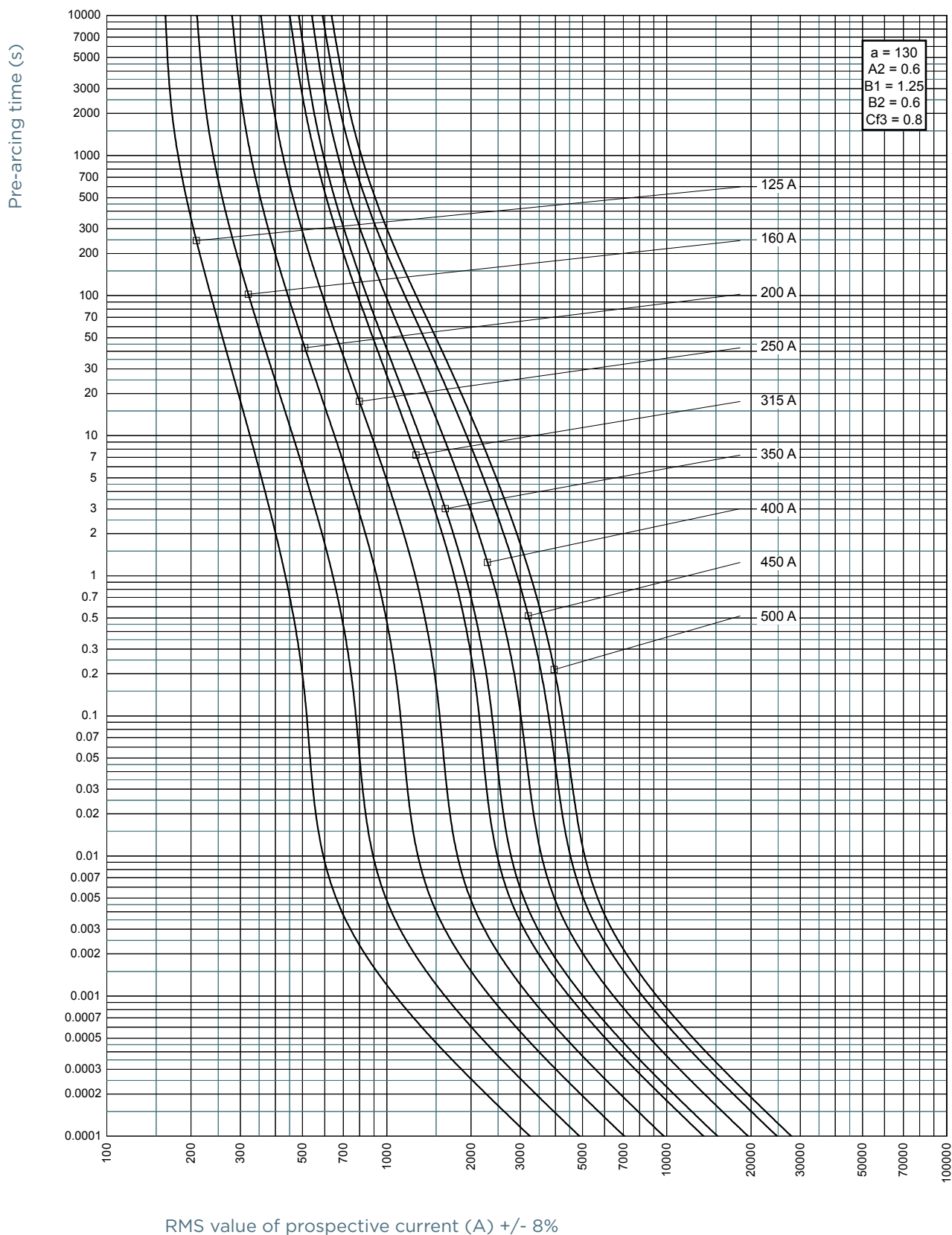
Size 71 for bolted connections

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC71GB69V160EF	Z301322	690 V	160 A	2.39 kA ² s	14 kA ² s	150 kA	38 W	540 g	3
PC71GB69V200EF	A301323	690 V	200 A	5 kA ² s	29.5 kA ² s	150 kA	42 W	0.5366 kg	3
PC71GB69V250EF	B301324	690 V	250 A	9.58 kA ² s	56 kA ² s	150 kA	48 W	0.5366 kg	3
PC71GB69V350EF	C301325	690 V	350 A	23.2 kA ² s	140 kA ² s	150 kA	60 W	540 g	3
PC71GB69V400EF	D301326	690 V	400 A	38.3 kA ² s	225 kA ² s	150 kA	61 W	0.5366 kg	3
PC71GB69V500EF	G301858	690 V	500 A	78.1 kA ² s	460 kA ² s	150 kA	67 W	0.5366 kg	3

Size 71 type DIN110

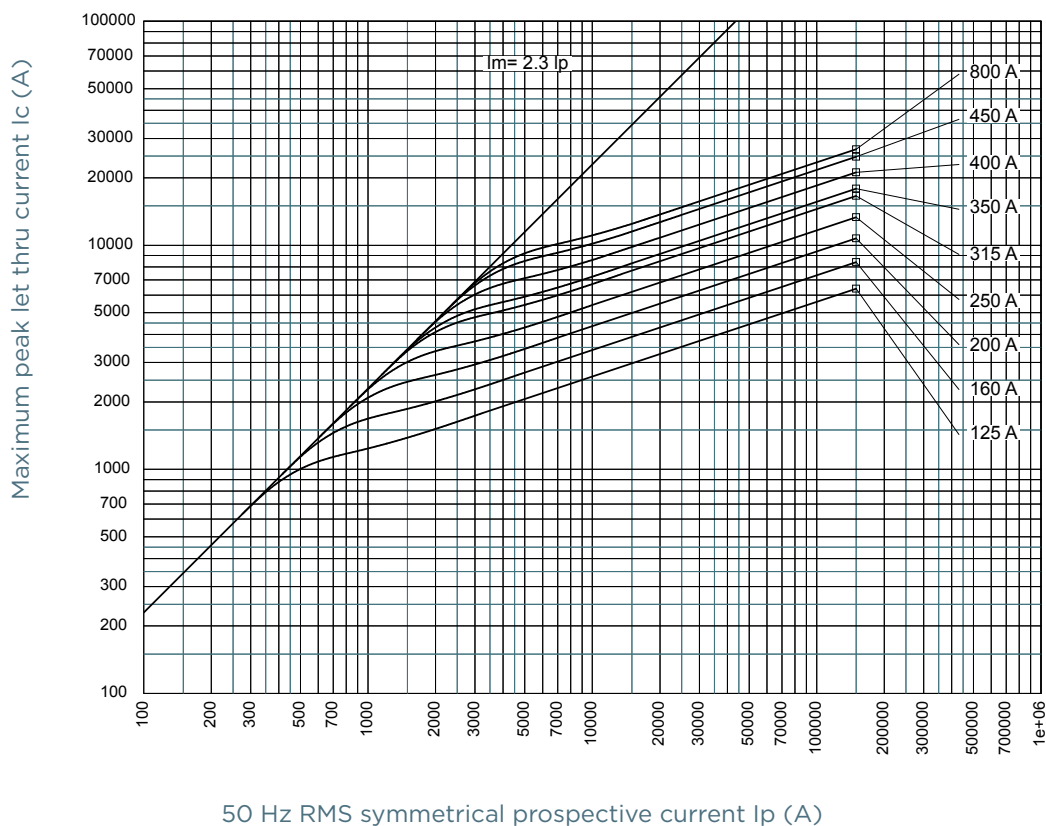
Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC71GB69V125D1A	B302658	690 V	125 A	1.06 kA ² s	6.2 kA ² s	150 kA	35 W	520 g	3
PC71GB69V160D1A	C302659	690 V	160 A	2.39 kA ² s	14 kA ² s	150 kA	38 W	520 g	3
PC71GB69V200D1A	C302682	690 V	200 A	5 kA ² s	29.5 kA ² s	150 kA	42 W	0.5193 kg	3
PC71GB69V250D1A	R302143	690 V	250 A	9.58 kA ² s	56 kA ² s	150 kA	48 W	520 g	3
PC71GB69V450D1A	R301637	690 V	450 A	61.7 kA ² s	360 kA ² s	150 kA	61 W	520 g	3
PC71GB69V500D1A	A301737	690 V	500 A	78.1 kA ² s	460 kA ² s	150 kA	67 W	0.5193 kg	3

TIME CURRENT CHARACTERISTIC CURVES

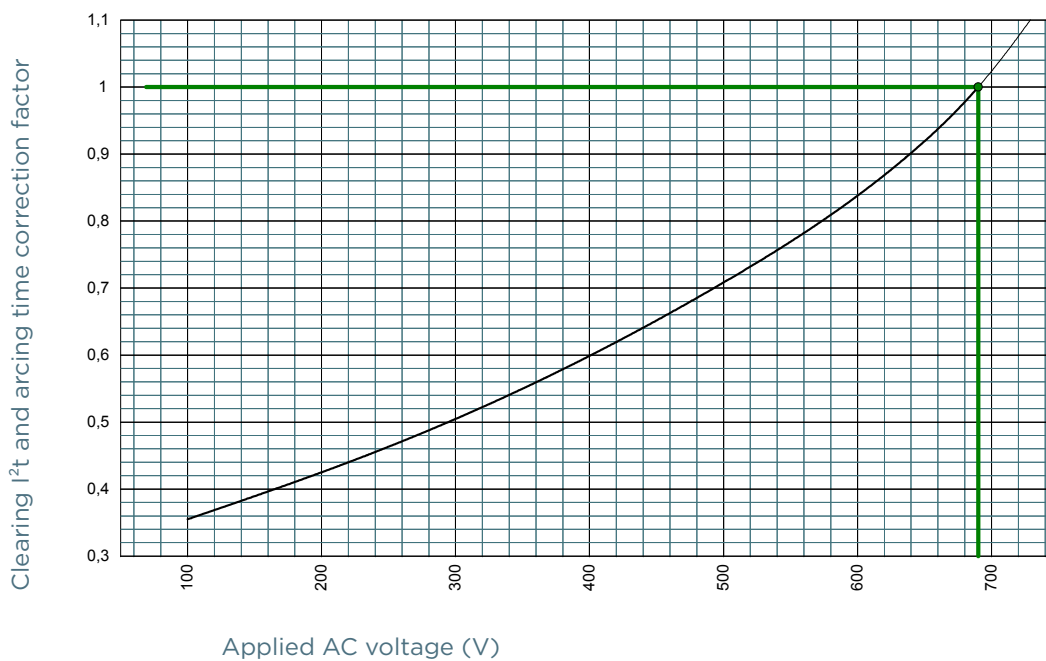


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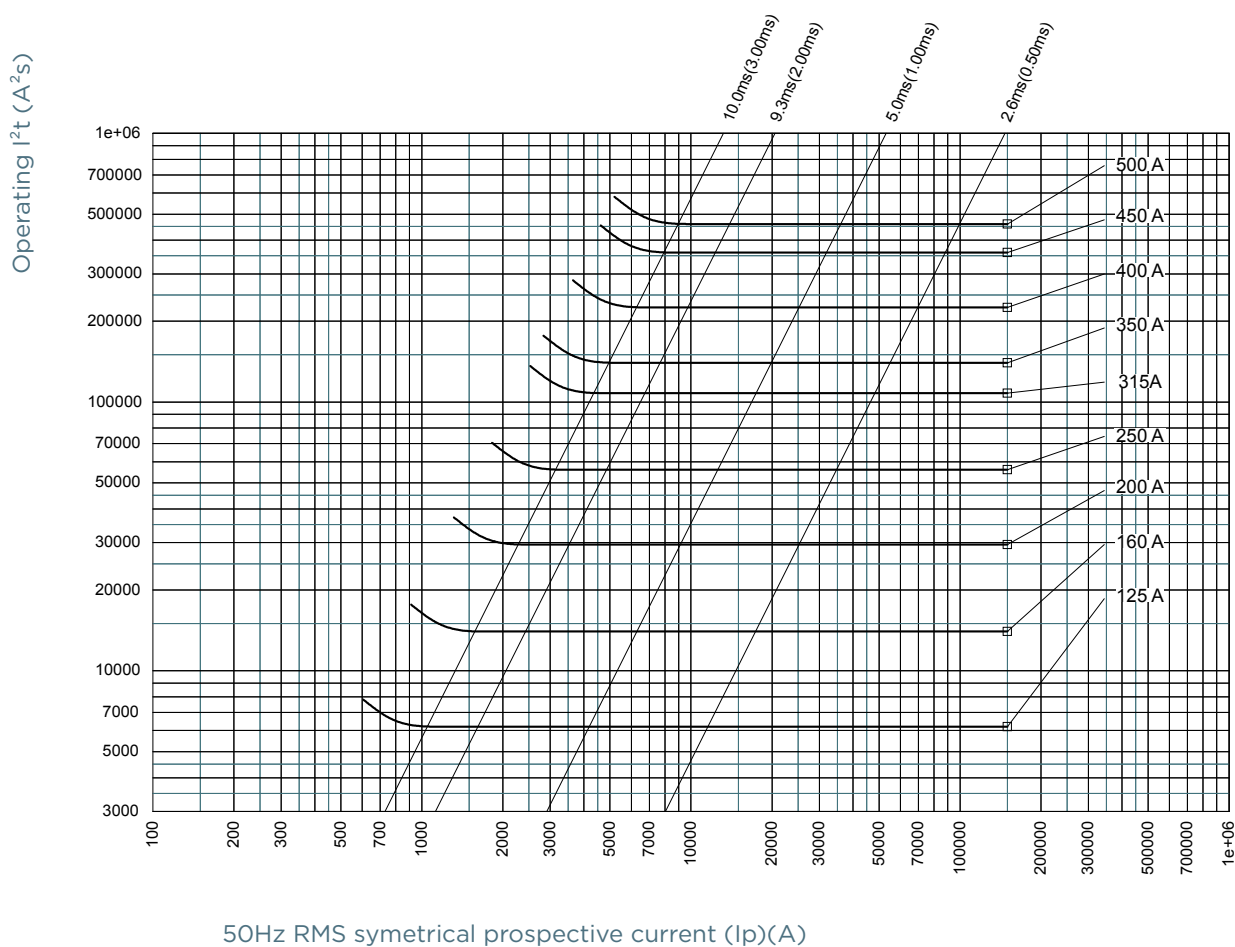
CUT-OFF CURRENT CHARACTERISTIC



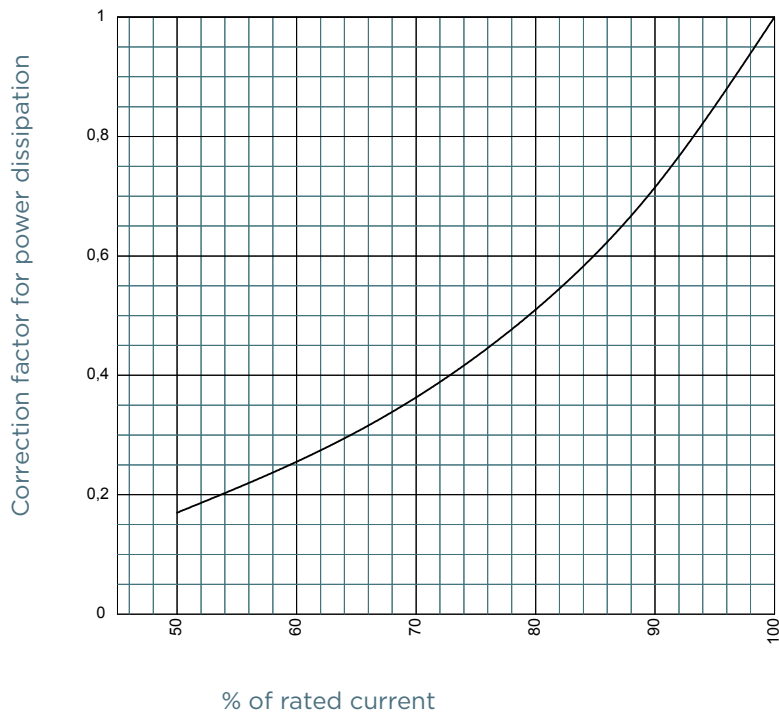
I^2t MULTIPLIER COEFFICIENT



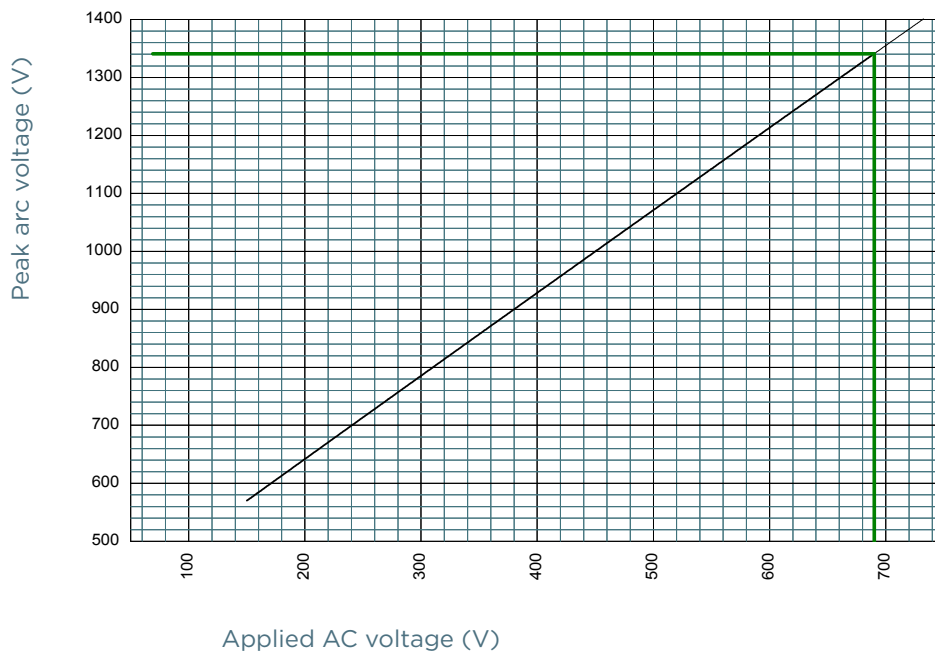
CHARACTERISTICS TOTAL I²T CURVE



POWER DISSIPATION



PEAK ARC VOLTAGE



Protistor® size 72 gR

690VAC (IEC)

SEMICONDUCTOR PROTECTION FUSES

SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION



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All fuse-links can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Ampere Range (A)	200 ... 700 A
Speed/Characteristic	gRB
I.R. AC (kA)	150 kA
Product Size	72

FEATURES & BENEFITS

- Excellent cycling capability
- Multiple body sizes and terminals or blades combination
- Extremely fast acting
- Eliminate all overloads
- Low I^2t for improved semiconductor protection
- gR Class according to IEC 60269-4 and VDE 636-23

APPLICATIONS

- Protection of inverters, motor drives, UPS systems and similar 690V or less equipments.

STANDARDS

- IEC 60269-4 Compliance



Protistor® size 72 gR

690VAC (IEC)

PRODUCT RANGE



PC72GB69V400TF

Size 72 type TTF-with one ISO metric threaded hole

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC72GB69V200TF	F301328	690 V	200 A	4.2 kA ² s	25 kA ² s	150 kA	45 W	0.7333 kg	3
PC72GB69V250TF	G301329	690 V	250 A	8.6 kA ² s	50 kA ² s	150 kA	49 W	735 g	3
PC72GB69V315TF	H301330	690 V	315 A	17 kA ² s	100 kA ² s	150 kA	55 W	735 g	3
PC72GB69V350TF	W301710	690 V	350 A	23.2 kA ² s	140 kA ² s	150 kA	58 W	735 g	3
PC72GB69V400TF	J301331	690 V	400 A	34.1 kA ² s	200 kA ² s	150 kA	63 W	735 g	3
PC72GB69V450TF	X301711	690 V	450 A	47.3 kA ² s	280 kA ² s	150 kA	67 W	735 g	3
PC72GB69V500TF	K301332	690 V	500 A	68 kA ² s	400 kA ² s	150 kA	69 W	735 g	3
PC72GB69V550TF	L301333	690 V	550 A	84.1 kA ² s	495 kA ² s	150 kA	75 W	735 g	3
PC72GB69V630TF	M301334	690 V	630 A	123.8 kA ² s	730 kA ² s	150 kA	81 W	735 g	3
PC72GB69V700TF	Y301712	690 V	700 A	154.8 kA ² s	910 kA ² s	150 kA	89 W	735 g	3

Size 72 for bolted connections

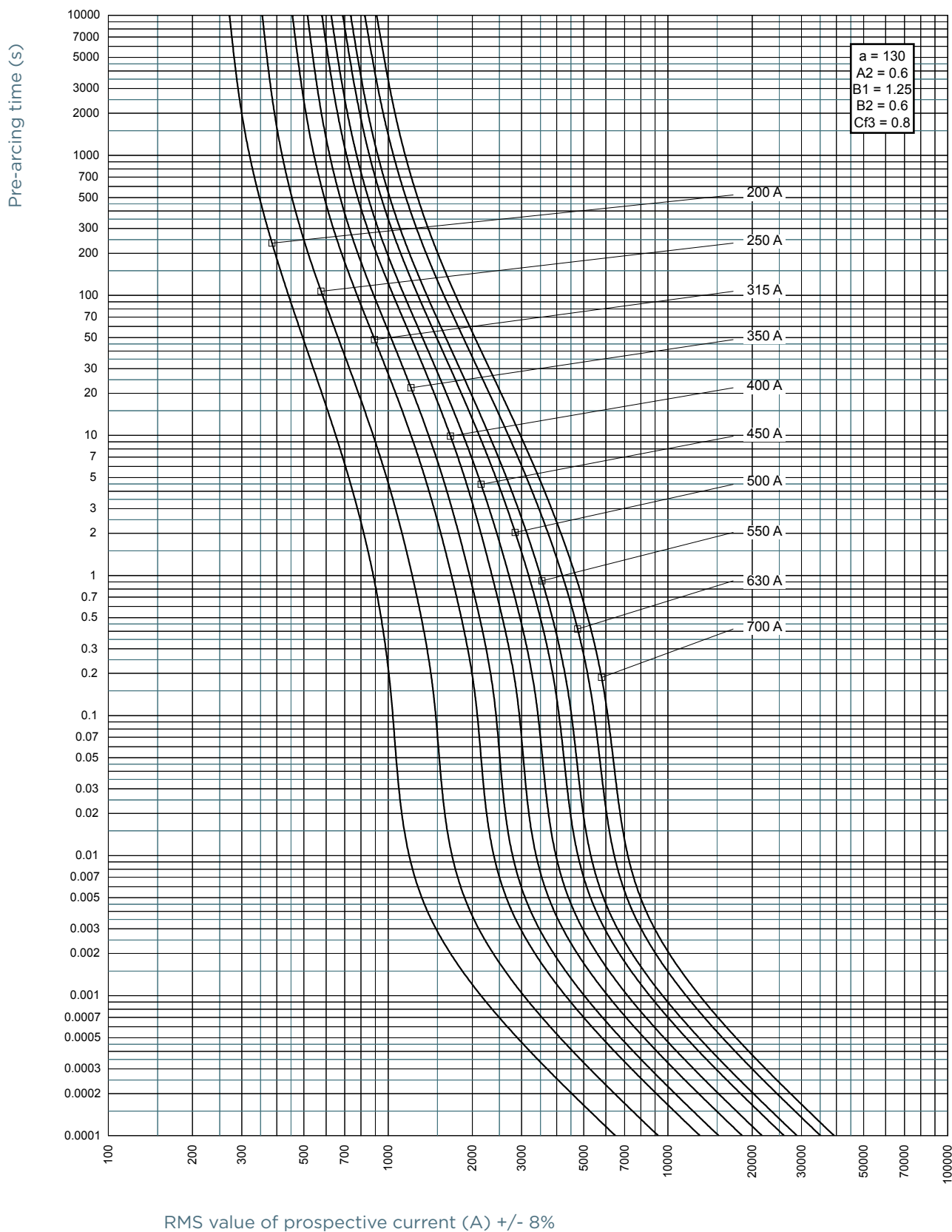
Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC72GB69V200EF	N301335	690 V	200 A	4.2 kA ² s	25 kA ² s	150 kA	45 W	0.758 kg	3
PC72GB69V250EF	P301336	690 V	250 A	8.6 kA ² s	50 kA ² s	150 kA	50 W	0.758 kg	3
PC72GB69V315EF	Q301337	690 V	315 A	17 kA ² s	100 kA ² s	150 kA	57 W	0.758 kg	3
PC72GB69V400EF	R301338	690 V	400 A	23.2 kA ² s	140 kA ² s	150 kA	65 W	0.758 kg	3
PC72GB69V500EF	S301339	690 V	500 A	34.1 kA ² s	200 kA ² s	150 kA	72 W	0.758 kg	3
PC72GB69V550EF	T301340	690 V	550 A	84.1 kA ² s	495 kA ² s	150 kA	78 W	0.758 kg	3
PC72GB69V630EF	V301341	690 V	630 A	123.8 kA ² s	730 kA ² s	150 kA	86 W	0.758 kg	3

Size 72 type DIN110

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
PC72GB69V250D1A	T302697	690 V	250 A	8.6 kA ² s	50 kA ² s	150 kA	50 W	0.8 kg	3
PC72GB69V315D1A	V302698	690 V	315 A	17 kA ² s	100 kA ² s	150 kA	57 W	0.7033 kg	3
PC72GB69V350D1A	E302500	690 V	350 A	23.2 kA ² s	140 kA ² s	150 kA	60 W	0.7033 kg	3
PC72GB69V400D1A	V302215	690 V	400 A	34.1 kA ² s	200 kA ² s	150 kA	65 W	0.7333 kg	3
PC72GB69V450D1A	Q302671	690 V	450 A	47.3 kA ² s	280 kA ² s	150 kA	70 W	0.7033 kg	3
PC72GB69V550D1A	L301724	690 V	550 A	84.1 kA ² s	495 kA ² s	150 kA	78 W	0.7033 kg	3
PC72GB69V630D1A	J1001888	690 V	630 A	123.8 kA ² s	730 kA ² s	150 kA	86 W	705 g	3

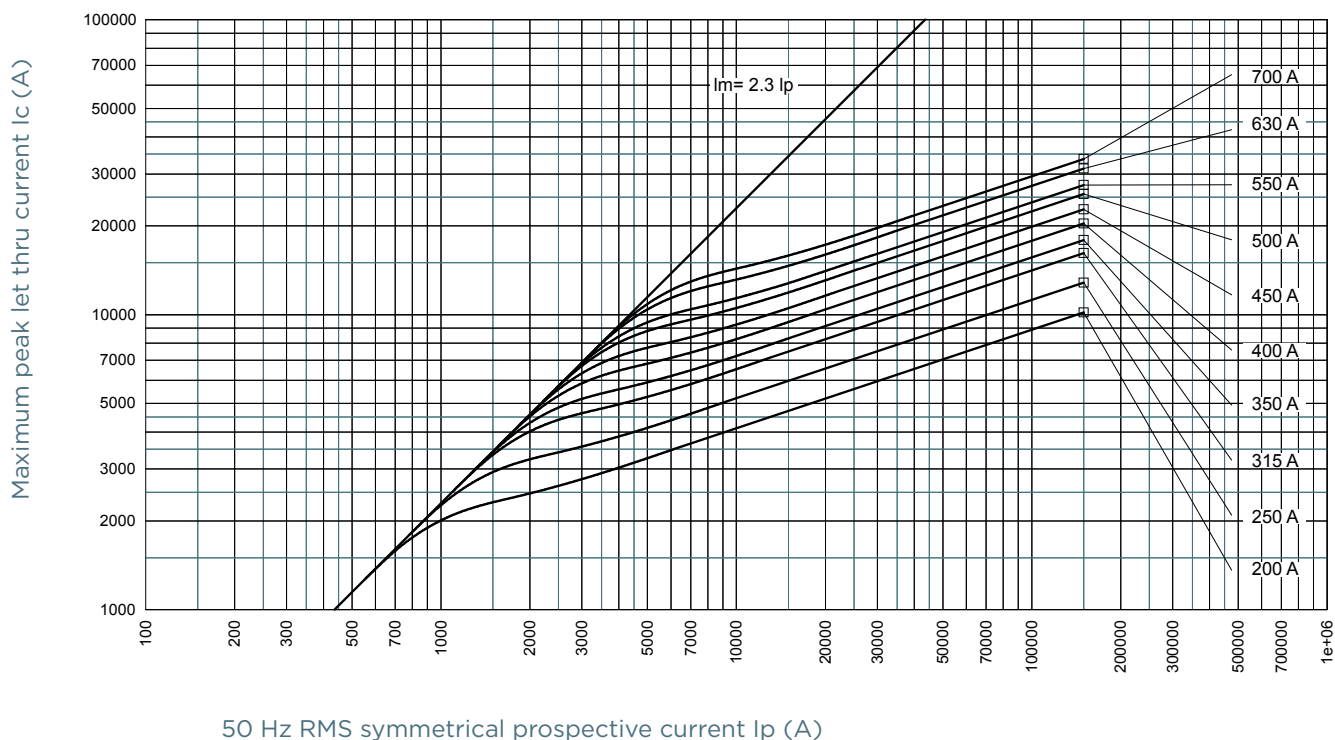
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TIME CURRENT CHARACTERISTIC CURVES

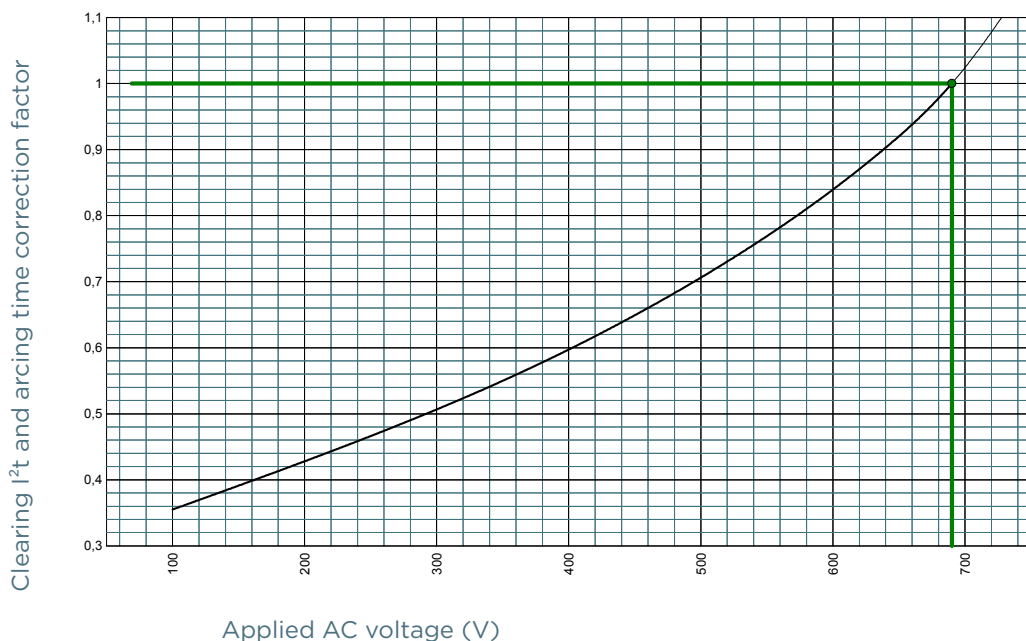


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CUT-OFF CURRENT CHARACTERISTIC

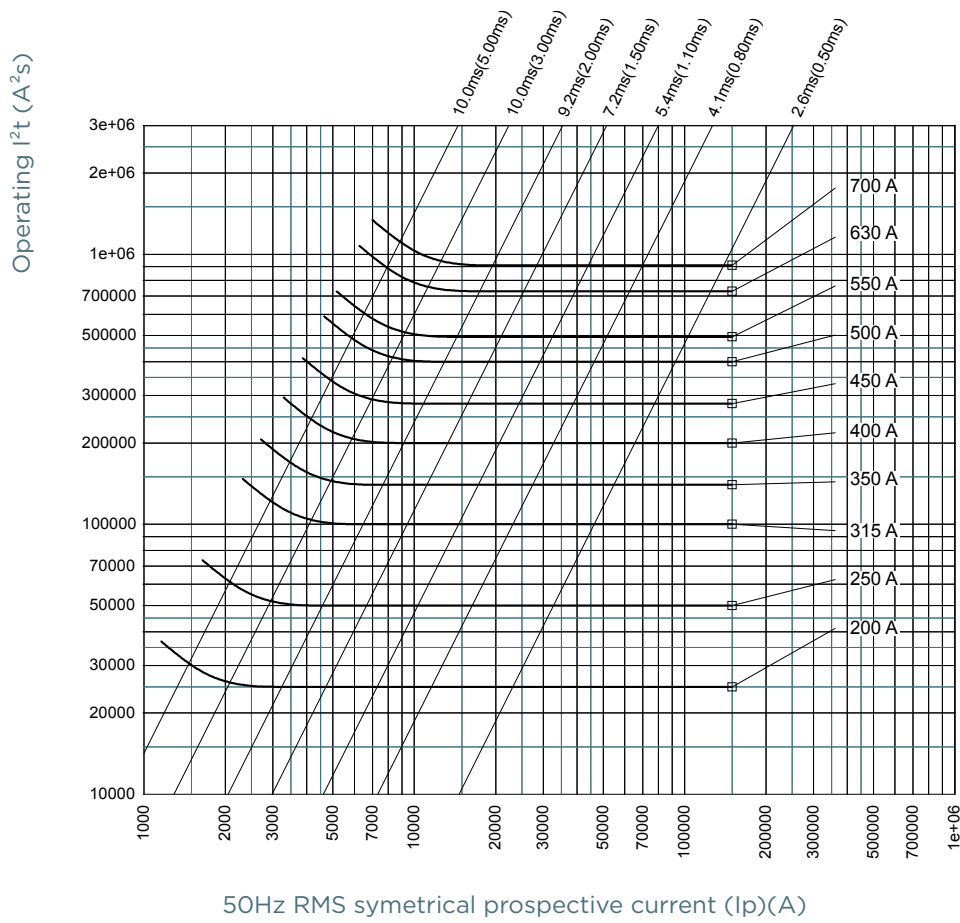


I²T MULTIPLIER COEFFICIENT

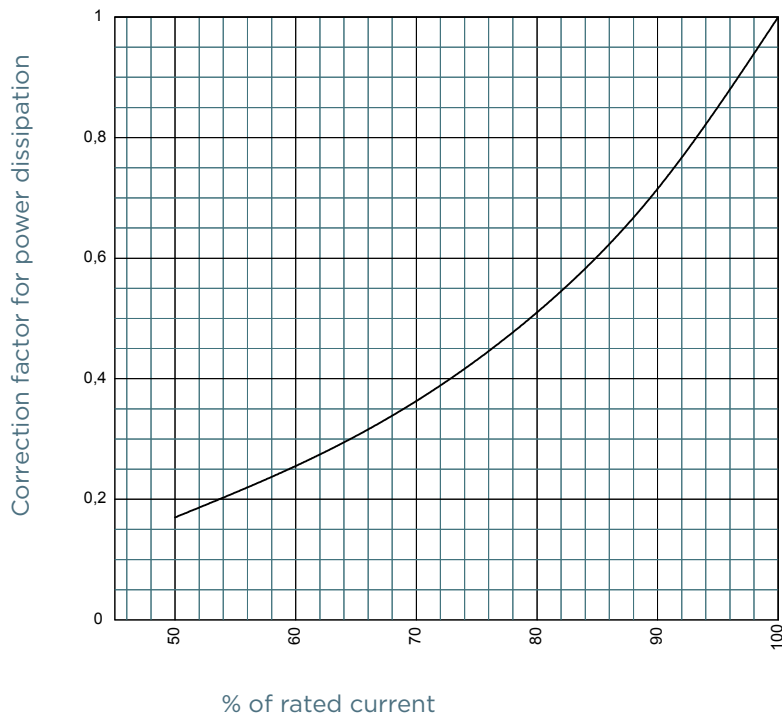


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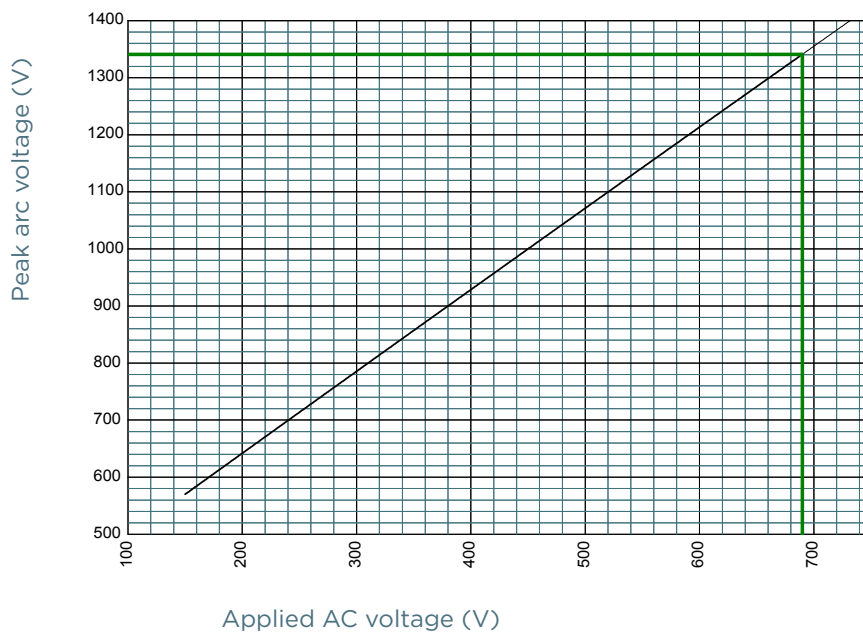
CHARACTERISTICS TOTAL I²T CURVE



POWER DISSIPATION



PEAK ARC VOLTAGE



Protistor® size 73 gR

690VAC (IEC)

SEMICONDUCTOR PROTECTION FUSES

SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION



The 690V Protistor® fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These square body fuse-links are available in different body sizes, each size having multiple worldwide acceptable mounting styles.

The Protistor® gR have been engineered to provide full range protection to eliminate all overloads and short circuit fault. Each fuse is assembled with pure silver, die-cut elements embedded in solidified sand, which helps control arcing characteristics for a lower I^2t and high interrupting rating level. All contact surfaces are silver plated and all hardware is non-magnetic.

All fuse-links can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Ampere Range (A)	315 ... 1000 A
Speed/Characteristic	gRB
I.R. AC (kA)	150 kA
Product Size	73

FEATURES & BENEFITS

- Excellent cycling capability
- Multiple body sizes and terminals or blades combination
- Extremely fast acting
- Eliminate all overloads
- Low I^2t for improved semiconductor protection
- gR Class according to IEC 60269-4 and VDE 636-23

APPLICATIONS

- Protection of inverters, motor drives, UPS systems and similar 690V or less equipments.

STANDARDS

- IEC 60269-4 Compliance



Protistor® size 73 gR

690VAC (IEC)

PRODUCT RANGE



PC73GB69V630TF

Size 73 type TTF-with one ISO metric threaded hole

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
Standard Terminal									
PC73GB69V315TF	W301342	690 V	315 A	11.8 kA ² s	69 kA ² s	150 kA	66 W	1.106 kg	1
PC73GB69V350TF	B301715	690 V	350 A	17 kA ² s	100 kA ² s	150 kA	68 W	1090 g	1
PC73GB69V400TF	X301343	690 V	400 A	26.5 kA ² s	160 kA ² s	150 kA	71 W	1.106 kg	1
PC73GB69V450TF	Y301344	690 V	450 A	34.1 kA ² s	200 kA ² s	150 kA	79 W	1.106 kg	1
PC73GB69V500TF	C301716	690 V	500 A	47.3 kA ² s	280 kA ² s	150 kA	84 W	1.106 kg	1
PC73GB69V550TF	Z301345	690 V	550 A	68 kA ² s	400 kA ² s	150 kA	84 W	1090 g	1
PC73GB69V630TF	A301346	690 V	630 A	101.6 kA ² s	600 kA ² s	150 kA	89 W	1090 g	1
PC73GB69V700TF	B301347	690 V	700 A	138.9 kA ² s	820 kA ² s	150 kA	94 W	1.106 kg	1
PC73GB69V800TF	D301717	690 V	800 A	226.8 kA ² s	1330 kA ² s	150 kA	96 W	1090 g	1
PC73GB69V900TF	S301638	690 V	900 A	278.8 kA ² s	1640 kA ² s	150 kA	109 W	1.106 kg	1
PC73GB69V10CTF	F301719	690 V	1000 A	385.7 kA ² s	2270 kA ² s	150 kA	115 W	1.22 kg	1

Size 73 for bolted connections

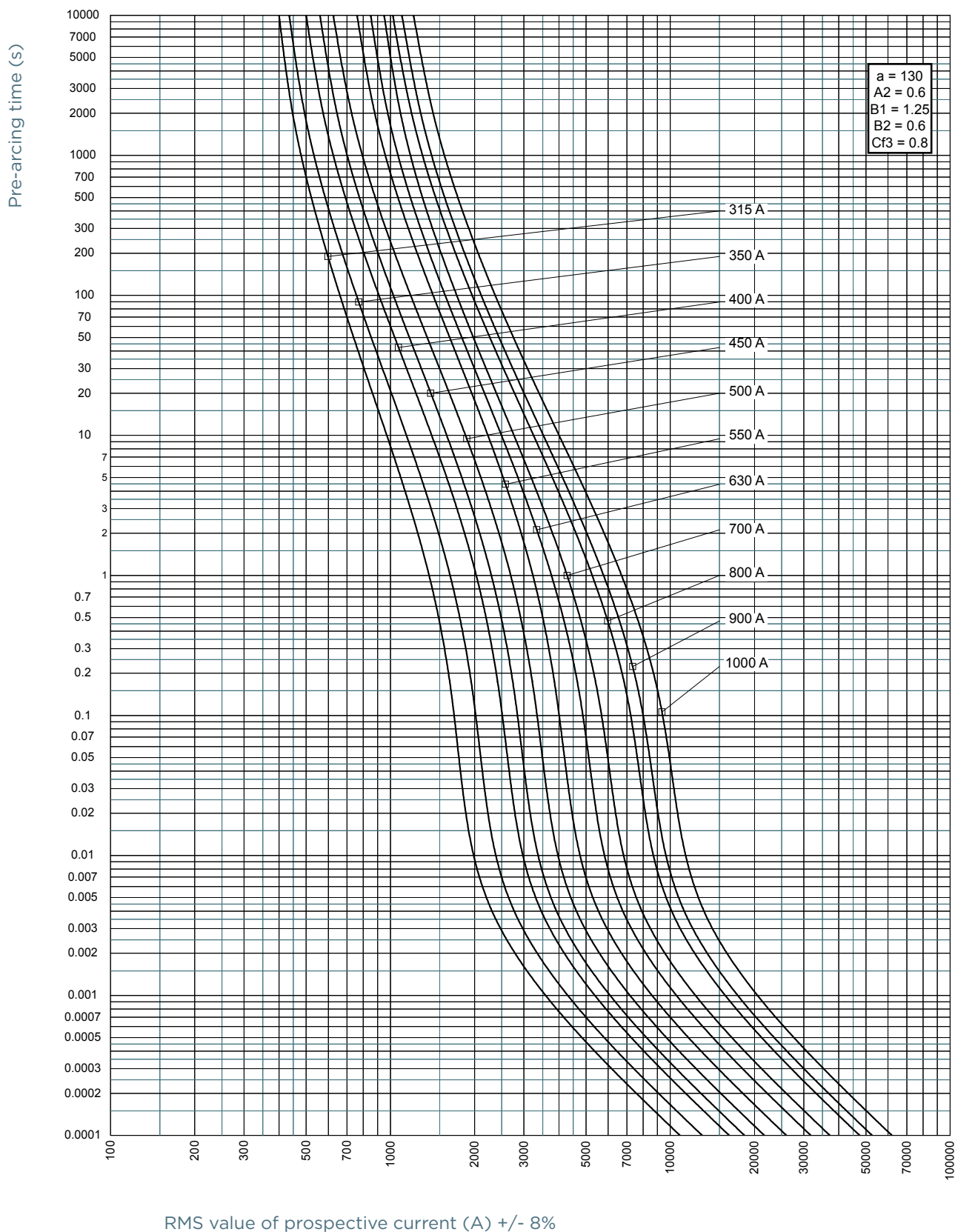
Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
Standard Terminal									
PC73GB69V315EF	C301348	690 V	315 A	11.8 kA ² s	69 kA ² s	150 kA	67 W	1110 g	1
PC73GB69V400EF	D301349	690 V	400 A	26.5 kA ² s	160 kA ² s	150 kA	73 W	1110 g	1
PC73GB69V450EF	E301350	690 V	450 A	34.1 kA ² s	200 kA ² s	150 kA	82 W	1.11 kg	1
PC73GB69V550EF	F301351	690 V	550 A	68 kA ² s	400 kA ² s	150 kA	87 W	1110 g	1
PC73GB69V630EF	G301352	690 V	630 A	101.6 kA ² s	600 kA ² s	150 kA	94 W	1110 g	1
PC73GB69V700EF	H301353	690 V	700 A	138.9 kA ² s	820 kA ² s	150 kA	100 W	1110 g	1

Size 73 type DIN110

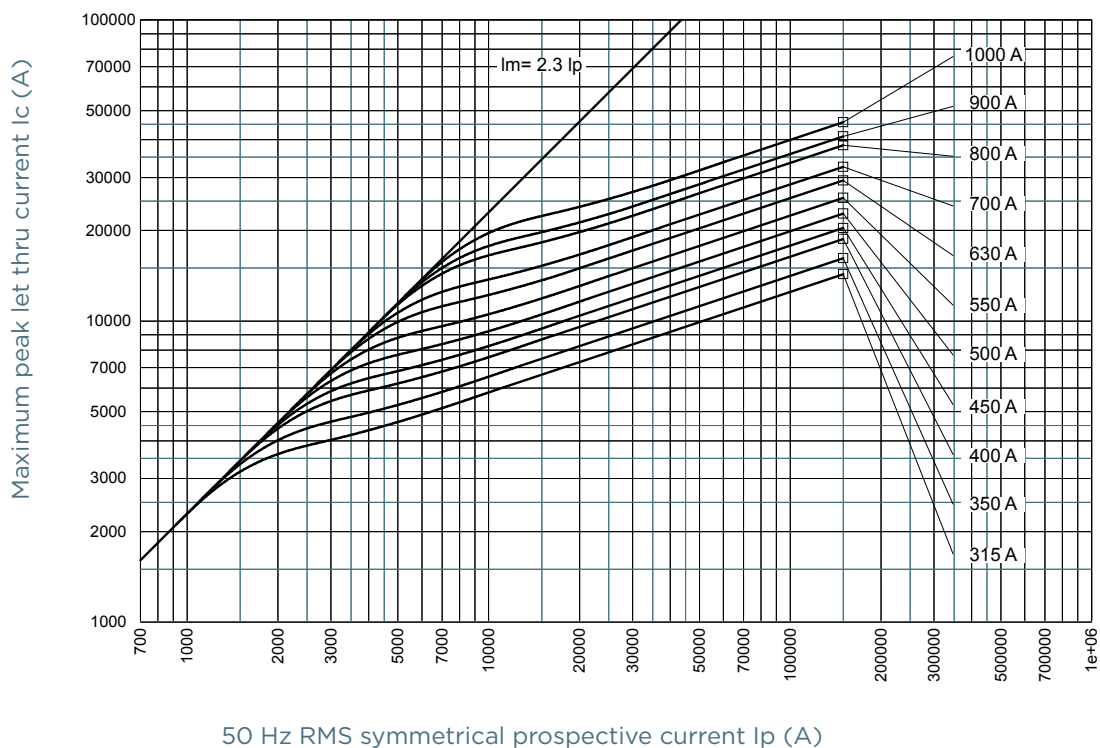
Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
Standard Terminal									
PC73GB69V450D1A	W236298	690 V	450 A	34.1 kA ² s	200 kA ² s	150 kA	82 W	1120 g	1
PC73GB69V500D1A	W302216	690 V	500 A	47.3 kA ² s	280 kA ² s	150 kA	86 W	1120 g	1
PC73GB69V550D1A	R302672	690 V	550 A	68 kA ² s	400 kA ² s	150 kA	87 W	0.651 kg	1
PC73GB69V630D1A	X236299	690 V	630 A	101.6 kA ² s	600 kA ² s	150 kA	94 W	1120 g	1
PC73GB69V700D1A	F301765	690 V	700 A	138.9 kA ² s	820 kA ² s	150 kA	100 W	1.12 kg	1
PC73GB69V800D1A	B236073	690 V	800 A	226.8 kA ² s	1330 kA ² s	150 kA	104 W	1.12 kg	1
Reinforced Terminal									
PC73GB69V10CD1A	S302673	690 V	1000 A	385.7 kA ² s	2270 kA ² s	150 kA	127 W	1.12 kg	1

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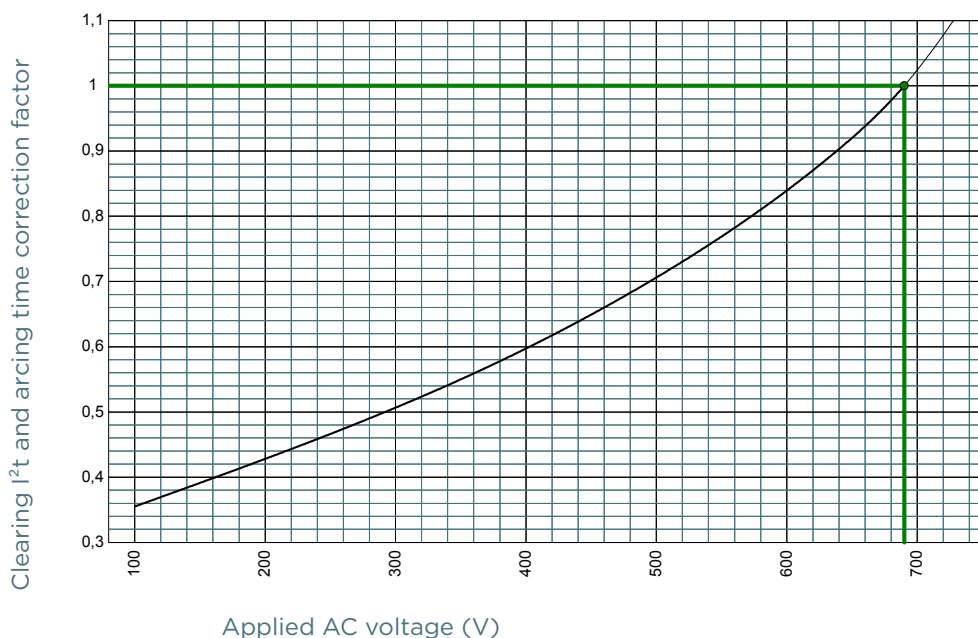
TIME CURRENT CHARACTERISTIC CURVES



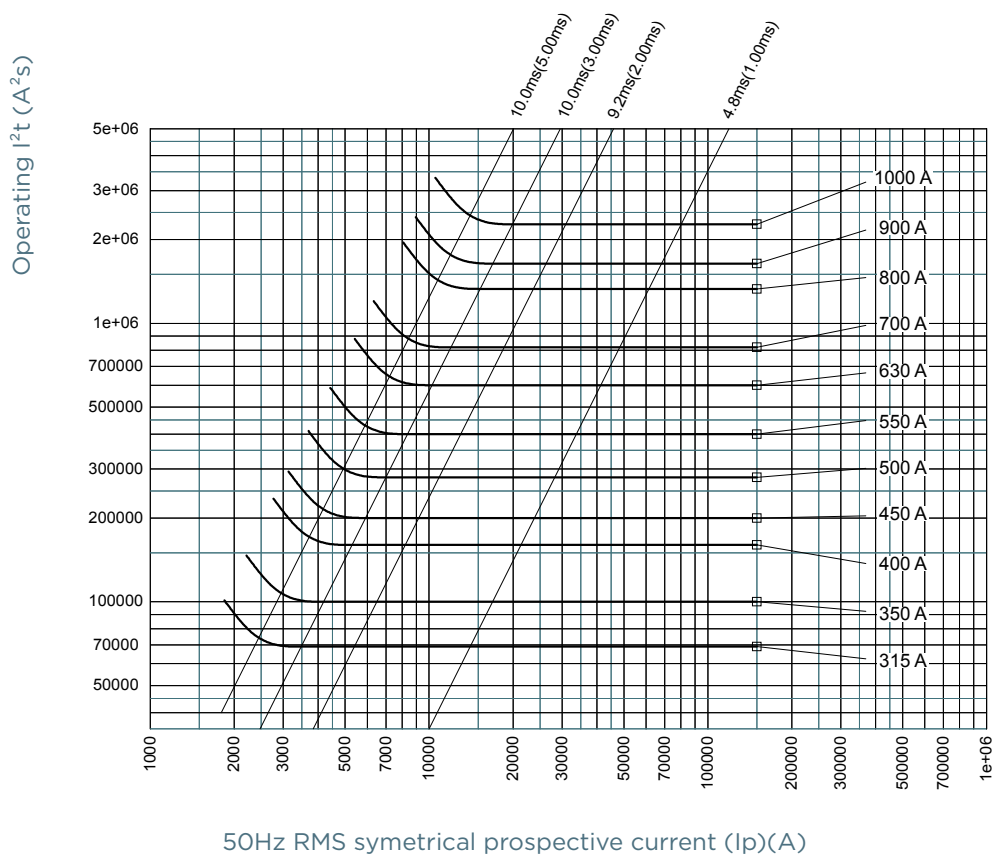
CUT-OFF CURRENT CHARACTERISTIC



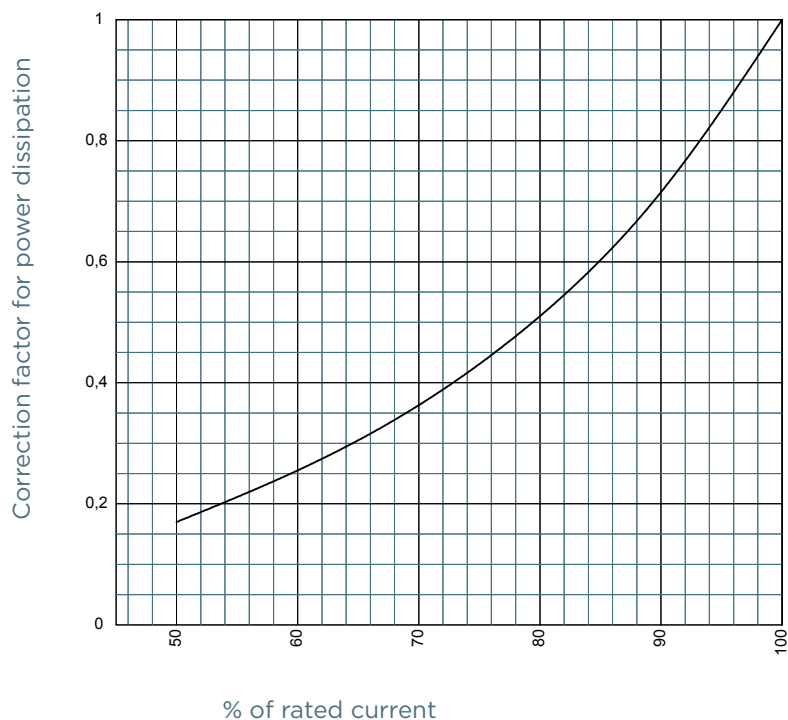
I²T MULTIPLIER COEFFICIENT



CHARACTERISTICS TOTAL I²T CURVE



POWER DISSIPATION



PEAK ARC VOLTAGE

