



Energy Division

Fuses

FUSES

Utilux is a brand that has built an enviable reputation for high quality, reliable electrical connectors. For over 80 years, this dynamic Australian brand has been a leader in the field of interconnection systems. Utilux has now joined the truly innovative, international market leader, Tyco Electronics. Our aim is to provide the best possible products and services to keep our customers at the cutting edge of industry standards - internationally.

FUSE		TYPE	PAGE
Bolting Protection	Staggered Tag Fuse Link	NS	1
	Offset Tag Fuse Link	TIA TIS TCP TFP	1 - 3
	Central Tag Fuse Link	TBC TC TF TKF TMF TKM TM TTM TLM TT TLT	3 - 9
	J Type Feeder Pillar Fuse Link	JHU JPU JSU	9 - 13
Cylindrical Protection	Cylindrical Fuse Link	CF ME CFM MEM CFF MEF	14 - 33
NH Protection	NH Blade Type Fuse Link	NHCOO NH00 NH1 NH2 NH3 NH4a Fuse Puller for LV HRC NH Fuses NH Solid Link (Neutral)	34 - 51
DIZD Protection	D Type Bottle Fuse Link	DI DII DIII DIV	52 - 57
NEZD Protection	DO TYPE Bottle HRC Fuse Link	D01 D02 D03	58 - 62

BOLTING PROTECTION

INDUSTRIAL PROTECTION HRC FUSES

Rated Voltage: 550V AC

Rated breaking capacity: 80kA

Standard specifications: BS88-2 IEC 60269-2-1

Class: **gG/Q1**

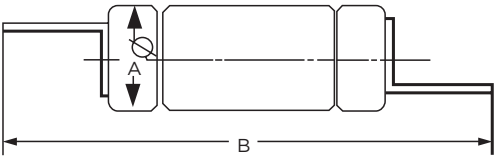
HRC Fuse Link Staggered Tags 60mm

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	NS		
	NS2	361501-7	20
	NS4	361501-8	20
	NS6	361501-9	20
	NS10	1-361501-0	20
	NS16	1-361501-1	20
	NS20	1-361502-2	20
	NS25	2-361502-1	20
	NS32	2-361502-2	20

Dimensions (mm)

A 13.9 **B** 50.8



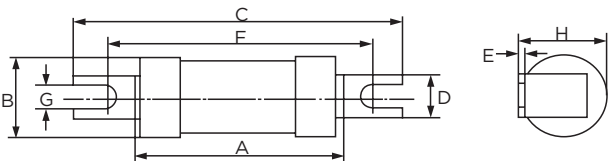
HRC Fuse Link Offset Tags 73mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TIA		
	TIA2	8-361500-9	10
	TIA4	9-361500-0	10
	TIA6	9-361500-1	10
	TIA10	9-361500-2	10
	TIA16	9-361500-3	10
	TIA20	9-361500-4	10
	TIA25	9-361500-5	10
	TIA32	9-361500-6	10

Dimensions (mm)

A 52 **B** 22 **C** 82 **D** 8.5 **E** 1.2 **F** 73 **G** 5.5 **H** 24



BOLTING PROTECTION

INDUSTRIAL PROTECTION HRC FUSES

Rated Voltage: 550V AC

Rated breaking capacity: 80kA

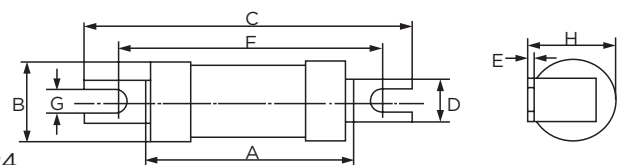
Standard specifications: BS88-2 IEC 60269-2-1

Class: **gG/Q1**

HRC Fuse Link Offset Tags 73mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TIS		
	TIS40	9-361500-8	10
	TIS50	9-361500-9	10
	TIS63	361501-1	10
	TIS80	2-361502-4	10
	TIS100	1-361502-8	10



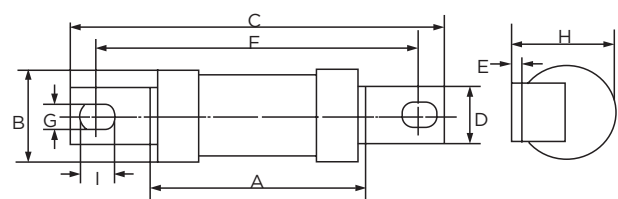
Dimensions (mm)

A 53 **B** 22 **C** 85.5 **D** 12 **E** 1.6 **F** 73 **G** 5.5 **H** 24

HRC Fuse Link Offset Tags 94mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TCP		
	TCP32	8-361503-6	10
	TCP40	8-361503-7	10
	TCP50	1-361502-9	10
	TCP63	2-361502-0	10
	TCP80	361501-2	10
	TCP100	361501-3	10



Dimensions (mm)

A 63 **B** 28 **C** 109 **D** 18 **E** 2.4 **F** 94 **G** 8.7 **H** 30 **I** 100

BOLTING PROTECTION

INDUSTRIAL PROTECTION HRC FUSES

Rated Voltage: 550V AC

Rated breaking capacity: 80kA

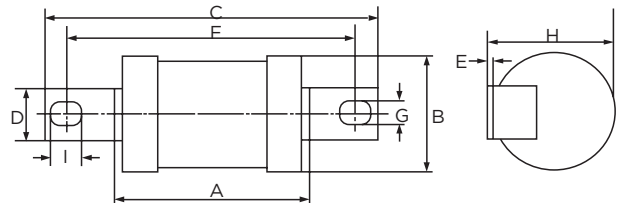
Standard specifications: BS88-2 IEC 60269-2-1

Class: **gG/Q1**

HRC Fuse Link Offset Tags 94mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TFP		
	TFP125	361501-4	10
	TFP160	361501-5	10
	TFP200	361501-6	10



Dimensions (mm)

A 63 B 40 C 109 D 18 E 2.4 F 94 G 8.7 H 41 I 10

HRC FUSE LINK

Rated Voltage: 550V AC

Rated breaking capacity: 80kA

Standard specifications: BS88-2 IEC 60269-2-1

Class: **gG/Q1**

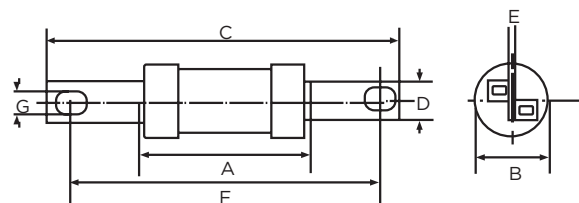
HRC Fuse Link Central Tags 111mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TBC		
	TBC32	2-361501-0	10
	TBC40	2-361501-1	10
	TBC50	2-361501-2	10
	TCP63	2-361501-3	10

Dimensions (mm)

A 53 B 22 C 128 D 14 E 1.5 F 111 G 9 H 12



BOLTING PROTECTION

HRC FUSE LINK

Rated Voltage: 550V AC
Rated breaking capacity: 80kA
Standard specifications: BS88-2 IEC 60269-2-1
Class: **gG/Q1**

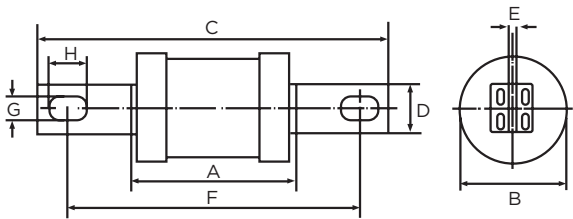
HRC Fuse Link Central Tags 111mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TC		
	TC80	2-361501-4	5
	TC100	2-361501-5	5

Dimensions (mm)

A 62 **B** 28 **C** 134 **D** 18 **E** 3.2 **F** 111 **G** 8.7 **H** 14



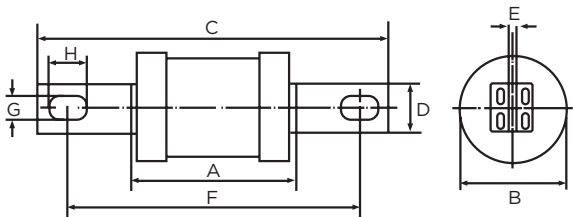
HRC Fuse Link Central Tags 111mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TF		
	TF125	2-361501-6	5
	TF160	2-361501-7	5
	TF200	2-361501-8	5

Dimensions (mm)

A 62 **B** 40 **C** 134 **D** 18 **E** 3.2 **F** 111 **G** 8.7 **H** 14



BOLTING PROTECTION

Rated Voltage: 550V AC
Rated breaking capacity: 80kA
Standard specifications: BS88-2 IEC 60269-2-1
Class: **gG/Q1**

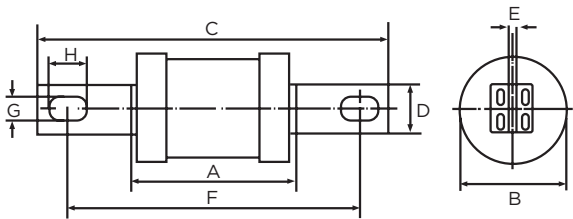
HRC Fuse Link Central Tags 111mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TKF		
	TKF250	2-361502-5	1
	TKF315	2-361502-6	1

Dimensions (mm)

A 65 **B** 56 **C** 134 **D** 25 **E** 6.5 **F** 111 **G** 9 **H** 14



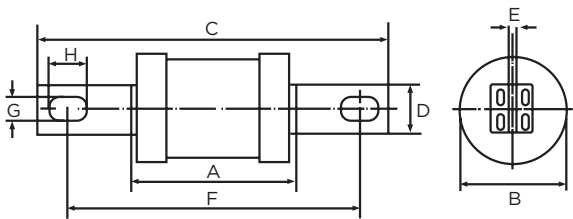
HRC Fuse Link Central Tags 111mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TMF		
	TMF335	2-361502-7	1
	TMF400	2-361502-8	1

Dimensions (mm)

A 65 **B** 50 **C** 134 **D** 25 **E** 3.5 **F** 111 **G** 9 **H** 14



BOLTING PROTECTION

HRC FUSE LINK

Rated Voltage: 550V AC
Rated breaking capacity: 80kA
Standard specifications: BS88-2 IEC 60269-2-1
Class: **gG/Q1**

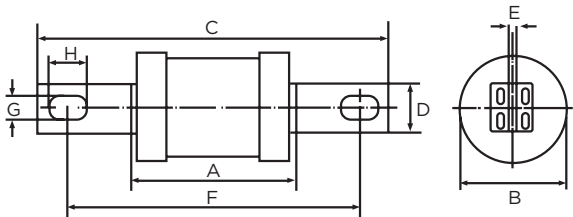
HRC Fuse Link Central Tags 133 mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TKM		
	TKM250	8-361503-8	1
	TMF315	8-361503-9	1

Dimensions (mm)

A 65 **B** 50 **C** 160 **D** 25 **E** 3.5 **F** 133 **G** 9 **H** 14



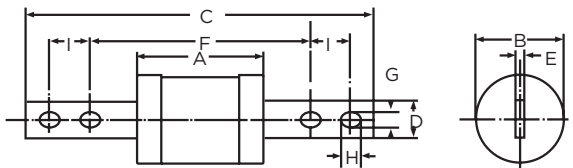
HRC Fuse Link Central Tags 133mm - 184mm 4 Hole Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TM		
	TM355	3-361501-3	1
	TM400	3-361501-4	1

Dimensions (mm)

A 67 **B** 56 **C** 212 **D** 25 **E** 6.5 **F** 133 **G** 10 **H** 14 **I** 10



BOLTING PROTECTION

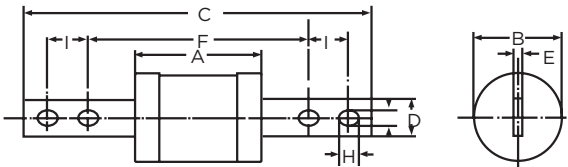
HRC FUSE LINK

Rated Voltage: 550V AC
Rated breaking capacity: 80kA
Standard specifications: BS88-2 IEC 60269-2-1
Class: **gG/Q1**

HRC Fuse Link Central Tags 133mm - 184mm 4 Hole Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TTM		
	TTM500	3-361501-6	1
	TTM630	3-361501-8	1



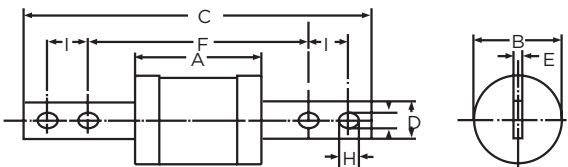
Dimensions (mm)

A 67 **B** 82 **C** 212 **D** 25 **E** 6.5 **F** 133 **G** 10 **H** 13 **I** 10

HRC Fuse Link Central Tags 133mm - 184mm 4 Hole Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TLM		
	TLM800	4-361501-3	1



Dimensions (mm)

A 77 **B** 82 **C** 212 **D** 25 **E** 10 **F** 133 **G** 10 **H** 13 **I** 10

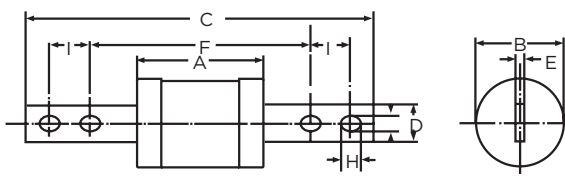
BOLTING PROTECTION

HRC FUSE LINK

Rated Voltage: 550V AC
Rated breaking capacity: 80kA
Standard specifications: BS88-2 IEC 60269-2-1
Class: **gG/Q1**

HRC Fuse Link Central Tags 165mm - 228mm 4 Hole Fixing Centre **gG/Q1**

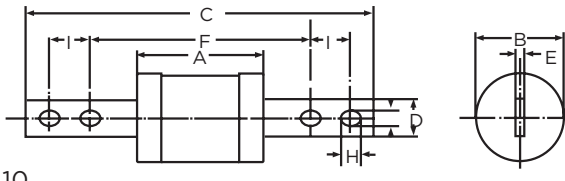
	DESCRIPTION	CAT NO.	PACK SIZE
Type	TT		
	TT450	4-361501-8	1
	TT630	5-361501-1	1



Dimensions (mm)
A 67 **B** 76 **C** 266 **D** 30 **E** 6.5 **F** 165 **G** 10 **H** 15 **I** 10

HRC Fuse Link Central Tags 165mm - 228mm 4 Hole Fixing Centre **gG/Q1**

	DESCRIPTION	CAT NO.	PACK SIZE
Type	TLT		
	TLT750	5-361501-3	1
	TLT800	5-361501-4	1



Dimensions (mm)
A 77 **B** 82 **C** 266 **D** 40 **E** 8 **F** 165 **G** 10 **H** 15 **I** 10

BOLTING PROTECTION

INDUSTRIAL PROTECTION HRC FUSE LINK J TYPE

Rated Voltage: 415V/550V AC

Rated breaking capacity: 80kA

Standard specifications: BS88-2 IEC 60269-2-1

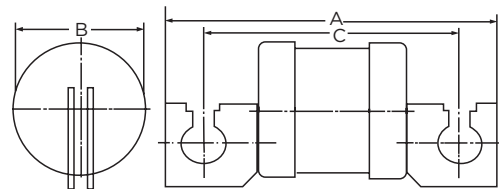
Class: **gG/Q1**

HRC Fuse Link J Type Feeder Pillar 76mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	JHU 76mm Fixing Centre		
	JHU63	6-361501-2	3
	JHU100	6-361501-4	3
	JHU160	6-361501-6	3
	JHU200	6-361501-7	3

Other current ratings available on request



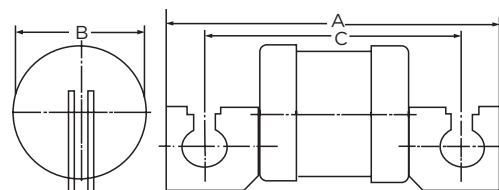
Dimensions (mm)

A 100 **B** 40 **C** 76

HRC Fuse Link J Type Feeder Pillar 83mm Fixing Centre

gG/Q1

	DESCRIPTION	CAT NO.	PACK SIZE
Type	JPU 83mm Fixing Centre		
	JPU63	7-361501-2	3
	JPU80	7-361501-3	3
	JPU100	7-361501-4	3
	JPU125	7-361501-5	3
	JPU160	7-361501-6	3
	JPU200	7-361501-7	3
	JPU250	7-361501-8	3
	JPU315	7-361501-9	3
	JPU355	8-361501-0	3
	JPU400	8-361501-1	3
	JPU500	9-361503-0	3
	JPU560	3-361503-1	3
	JPU630	9-361503-2	3



Dimensions (mm)

A 111 **B** 40/56 **C** 83

BOLTING PROTECTION

Industrial Protection HRC Fuse Link J TYPE

Rated Voltage: 415V/550V AC
Rated breaking capacity: 80kA
Standard specifications: BS88-2 IEC 60269-2-1
Class: **gG/Q1**

HRC Fuse Link J Type Feeder Pillar 92mm Fixing Centre

gG/Q1

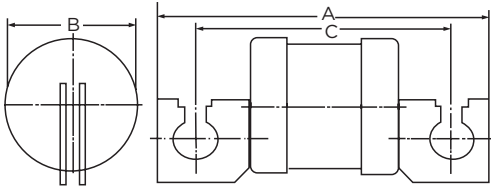
	DESCRIPTION	CAT NO.	PACK SIZE
Type	JSU 92mm Fixing Centre		
	JSU63	8-361501-4	3
	JSU80	8-361501-5	3
	JSU100	8-361501-6	3
	JSU160	8-361501-8	3
	JSU200	8-361501-9	3
	JSU315	9-361501-1	3
	JSU355	9-361501-2	3
	JSU400	9-361501-3	3



Other current ratings available on request

Dimensions (mm)

A 131 **B** 46/56/75 **C** 92

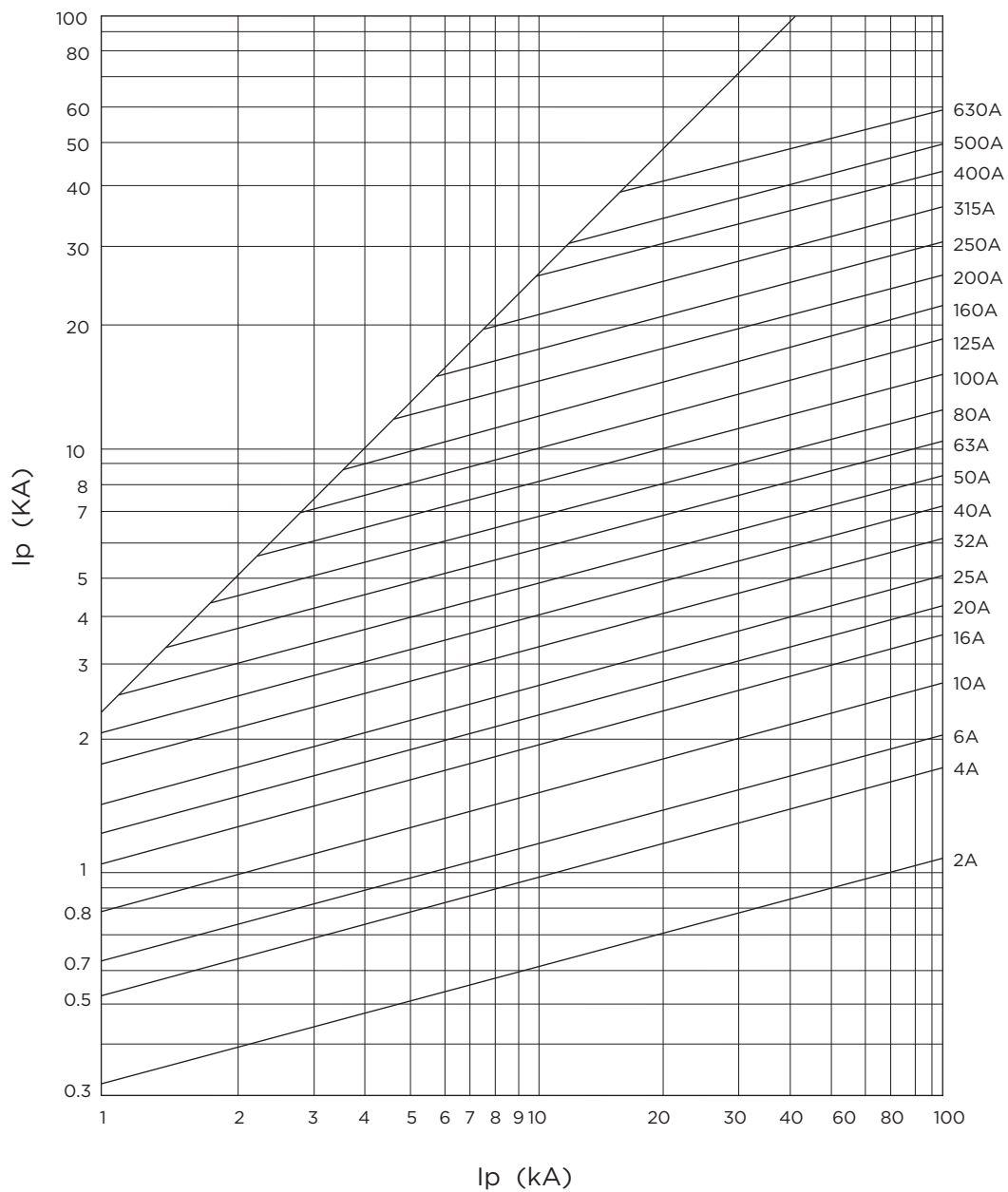


HRC FUSE LINK TECHNICAL DATA

Class: **gG/Q1**

Cut Off Characteristics

gG/Q1

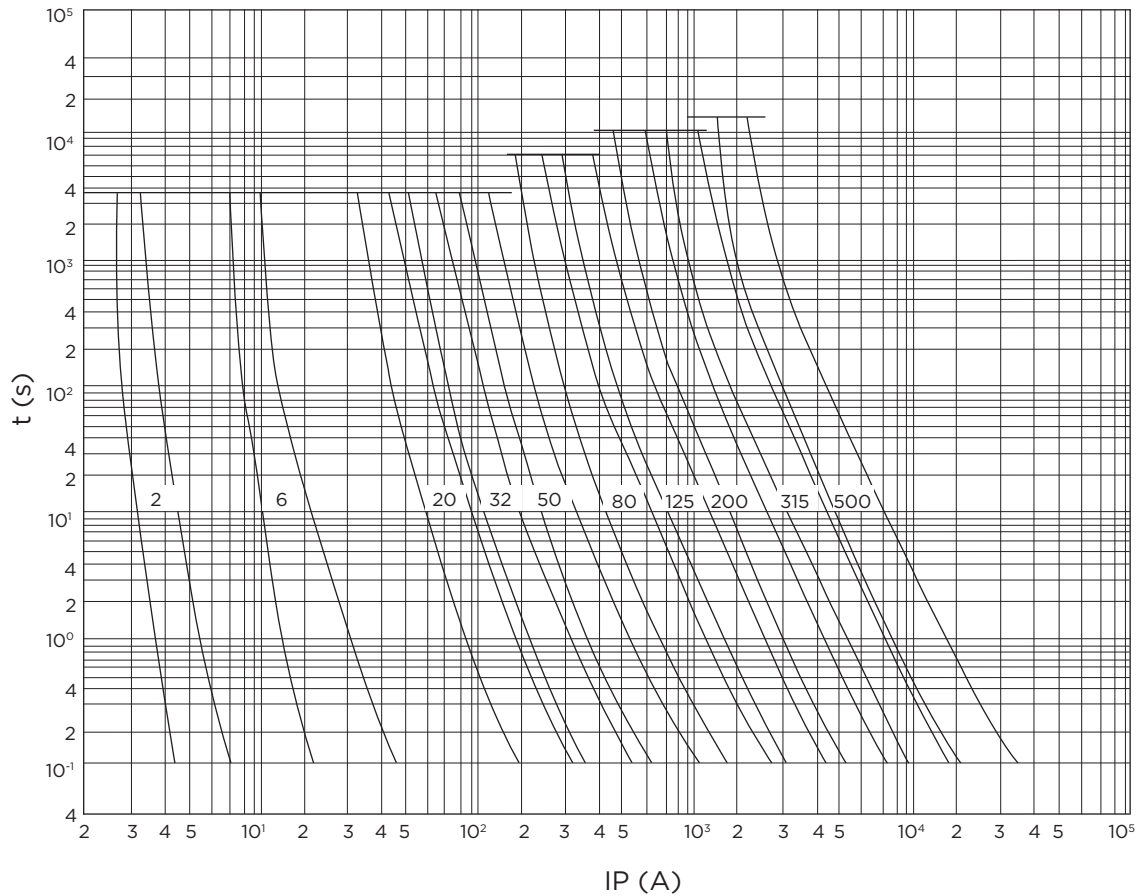


HRC FUSE LINK TECHNICAL DATA

Class: **gG/Q1**

T-I Characteristics

gG/Q1

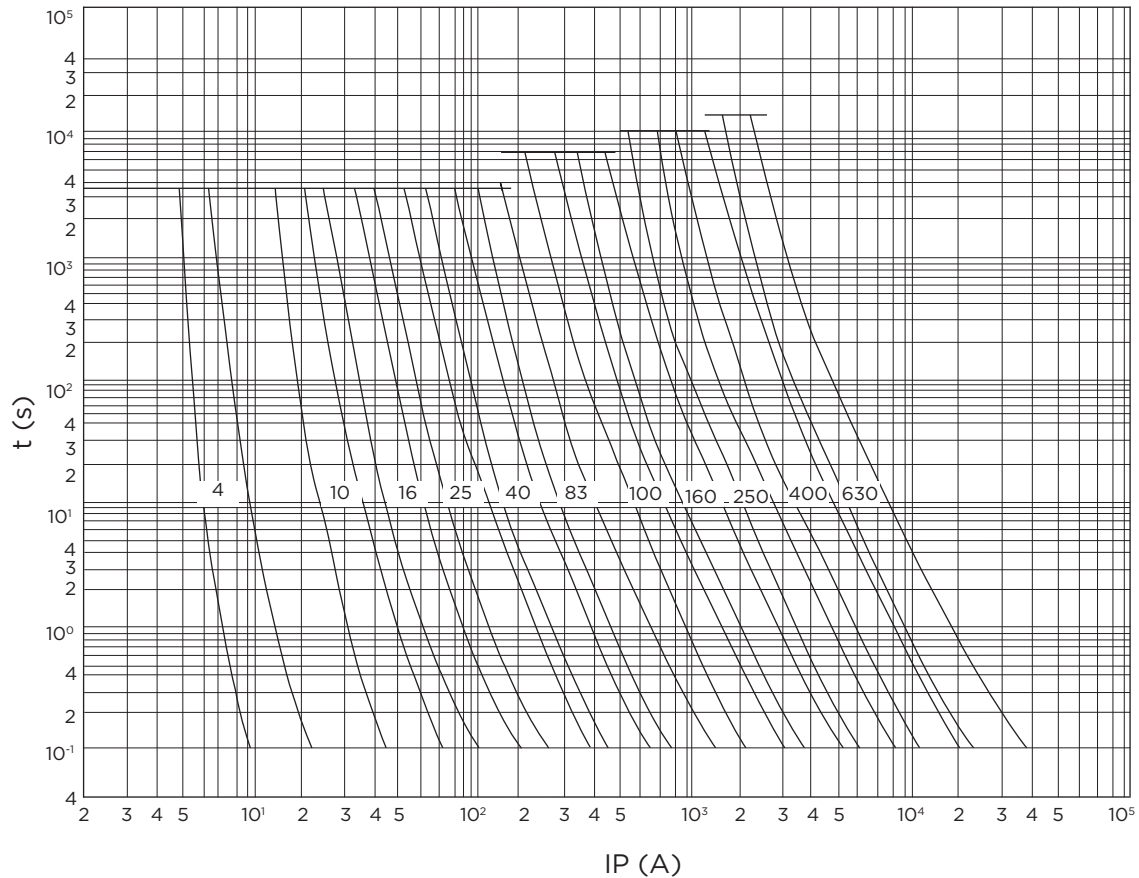


HRC FUSE LINK TECHNICAL DATA

Class: **gG/Q1**

T-I Characteristics

gG/Q1



CYLINDRICAL PROTECTION

CONTACT CAP FUSE LINK

Rated Voltage: 500V AC

Rated breaking capacity: 100kA

Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103

Class: **gG/gL**

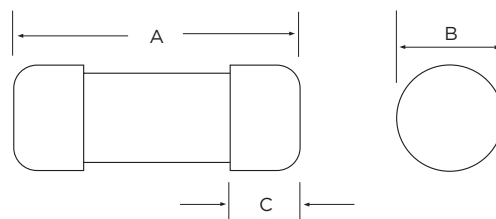
HRC Fuse Link Cylindrical 10x38

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	CF 10x38		
	CF1038-2	361500-7	10
	CF1038-4	361500-8	10
	CF1038-6	361500-9	10
	CF1038-10	1-361500-0	10
	CF1038-16	1-361500-1	10
	CF1038-20	1-361500-2	10
	CF1038-25	1-361500-3	10
	CF1038-32	1-361500-4	10

Dimensions (mm)

A 38 **B** 10.3 **C** 9.5



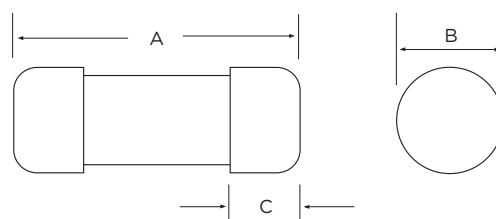
HRC Fuse Link Cylindrical 14x51

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	CF 14x51		
	CF1451-2	6-361502-1	10
	CF1451-4	6-361502-2	10
	CF1451-6	6-361502-3	10
	CF1451-10	6-361502-4	10
	CF1451-16	6-361502-5	10
	CF1451-20	6-361502-6	10
	CF1451-25	6-361502-7	10
	CF1451-32	6-361502-8	10
	CF1451-40	6-361502-9	10
	CF1451-50	7-361502-0	10
	CF1451-63	7-361502-1	10

Dimensions (mm)

A 38 **B** 10.3 **C** 9.5



CYLINDRICAL PROTECTION

CONTACT CAP FUSE LINK

Rated Voltage: 500V AC

Rated breaking capacity: 100kA

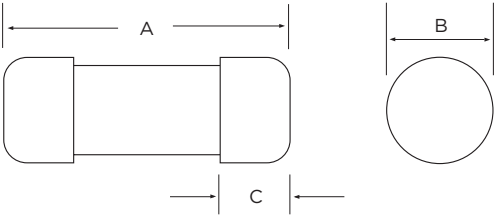
Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103

Class: **gG/gL**

HRC Fuse Link Cylindrical 22x58

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	ME 22x58		
	ME5	2-361502-3	5
	ME10	1-361500-5	5
	ME15	1-361500-6	5
	ME20	1-361500-7	5
	ME30	1-361500-9	5
	ME40	2-361500-0	5
	ME50	2-361500-1	5
	ME60	2-361500-2	5
	ME80	2-361500-3	5
	ME100	2-361500-4	5



Dimensions (mm)

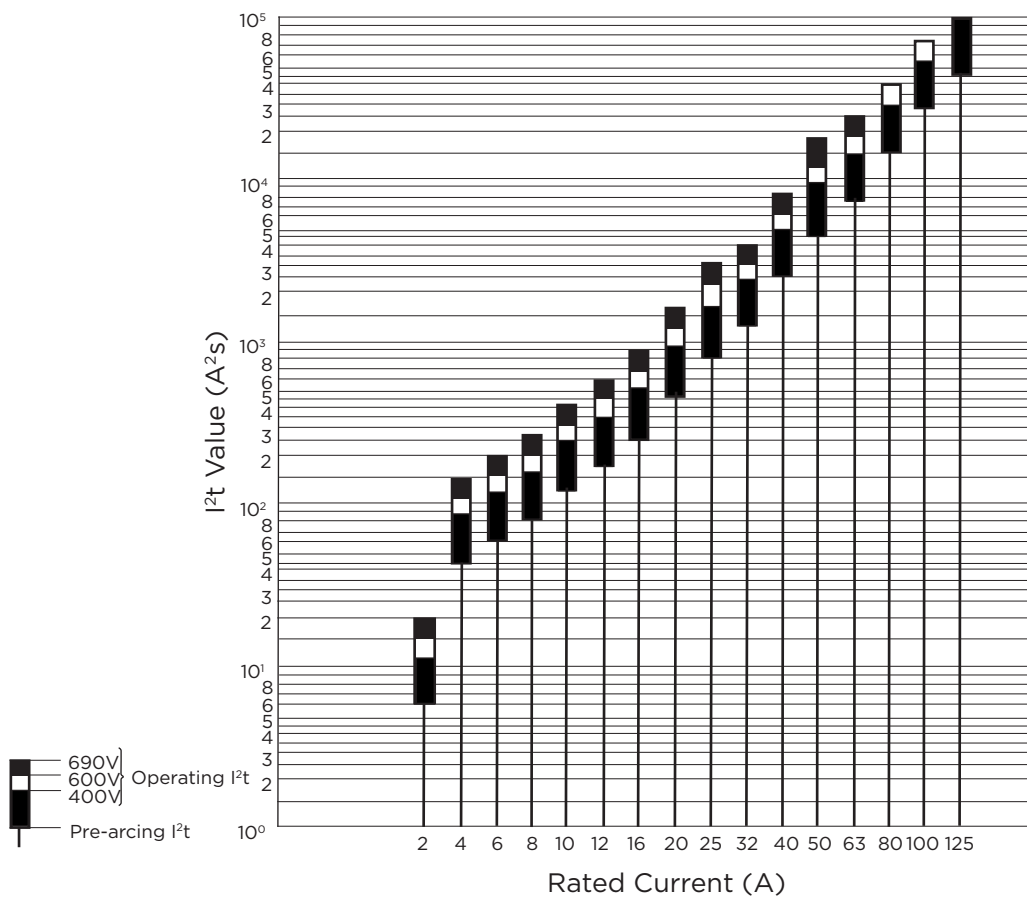
A 38 **B** 10.3 **C** 9.5

FUSE LINK TECHNICAL DATA

Class: **gG/gL**

I^2t Characteristics

gG/gL



CYLINDRICAL PROTECTION

FUSE LINK TECHNICAL DATA

Class: **gG/gL**

Power Dissipation (w)

gG/gL

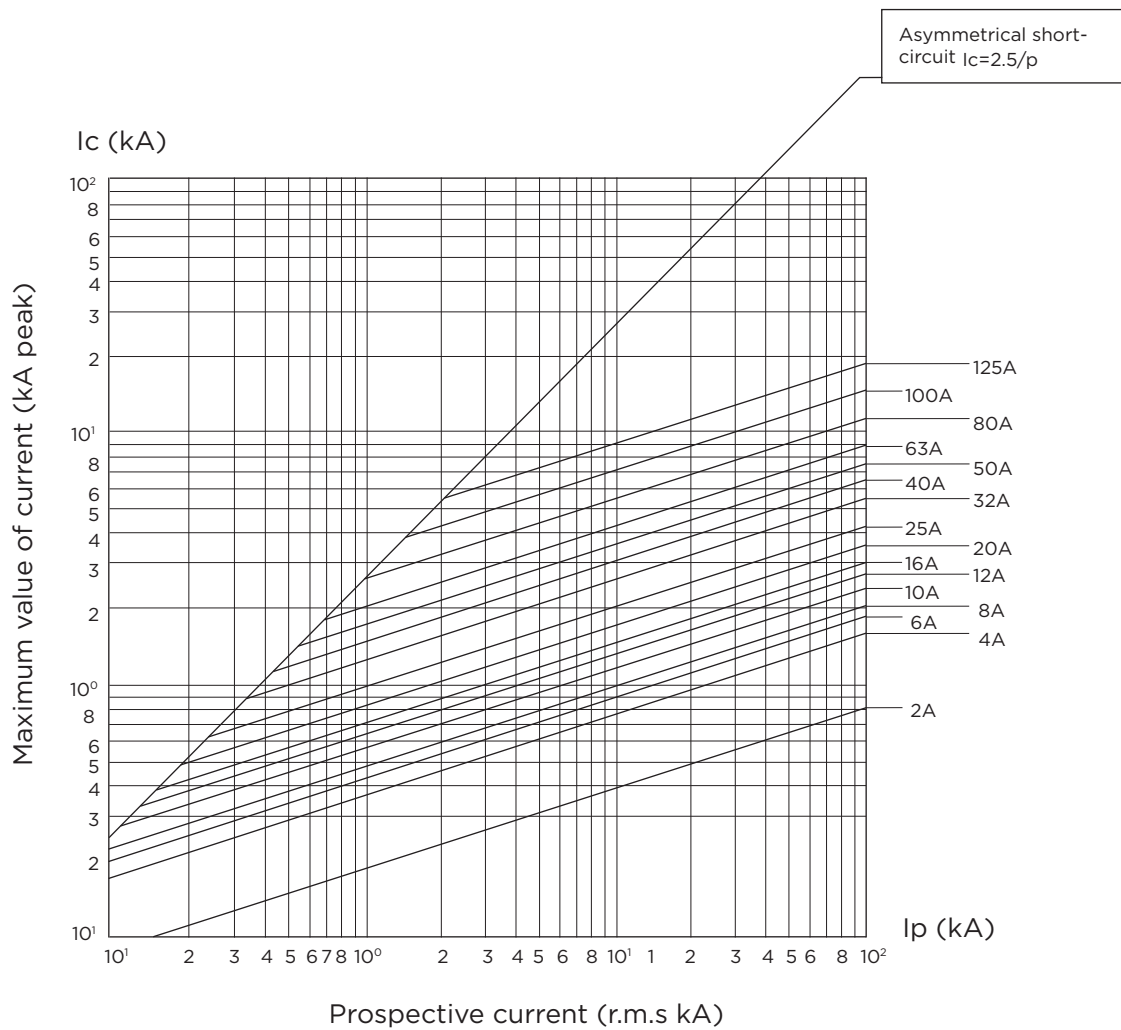
IN (A)	FUSE LINK		
	10x38 (W)	14x51 (W)	22x58 (W)
0.5	1.43	-	-
1	2.77	3.9	-
2	0.6	0.9	1
4	0.7	1	1.1
6	0.85	1.15	1.3
8	0.75	1	1.1
10	1	1.3	1.5
12	1.3	1.7	1.8
16	1.6	2	2.1
20	2	2.5	2.7
25	2.6	3.3	3.3
32	2.9	3.5	3.5
40	-	4.75	4
50	-	4.8	5.5
63	-	-	6.9
80	-	-	7.8
100	-	-	9
125	-	-	11.4

FUSE LINK TECHNICAL DATA

Class: **gG/gL**

Cut Off Characteristics

gG/gL

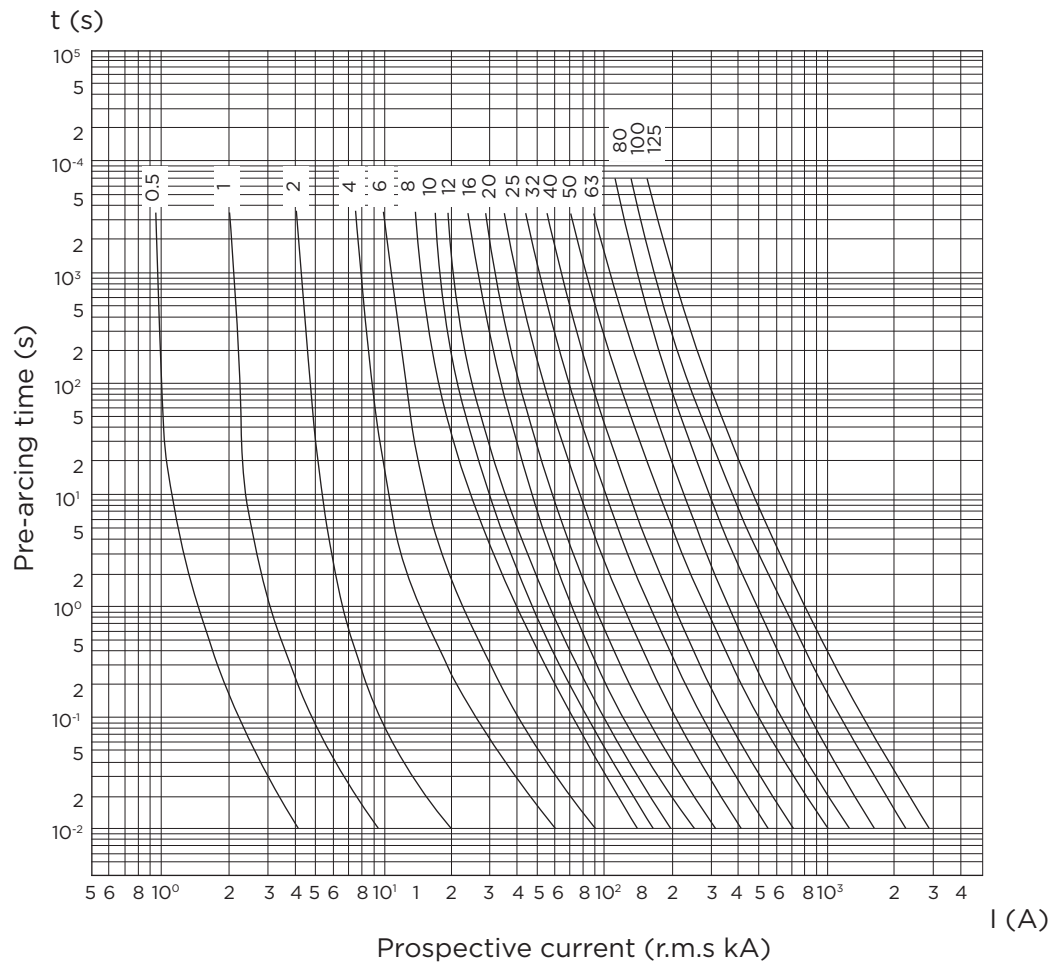


FUSE LINK TECHNICAL DATA

Class: **gG/gL**

T-I Characteristics

gG/gL



CYLINDRICAL PROTECTION - MOTOR RATED

CONTACT CAP FUSE LINK

Rated Voltage: 500V AC

Rated breaking capacity: 80kA

Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103

Class: **aM/gM**

Characteristic: Motor starting duty

HRC Fuse Link Cylindrical 10x38

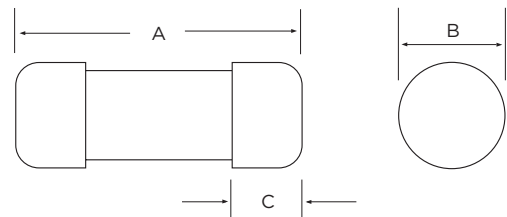
aM/gM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	CFM 10x38		
	CFM1038-6	4-361502-9	10
	CFM1038-10	5-361502-0	10
	CFM1038-16	5-361502-1	10
	CFM1038-20	5-361502-2	10
	CFM1038-25	5-361502-3	10
	CFM1038-32	5-361502-4	10

Other current ratings available on request

Dimensions (mm)

A 38 **B** 10.3 **C** 9.5



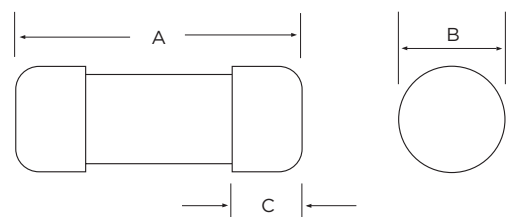
HRC Fuse Link Cylindrical 14x51

aM/gM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	CFM 14x51		
	CFM1451-6	7-361502-2	10
	CFM1451-10	7-361502-3	10
	CFM1451-16	7-361502-4	10
	CFM1451-20	7-361502-5	10
	CFM1451-32	7-361502-6	10
	CFM1451-40	7-361502-7	10
	CFM1451-50	7-361502-8	10
	CFM1451-63	7-361502-9	10

Dimensions (mm)

A 38 **B** 10.3 **C** 9.5



CYLINDRICAL PROTECTION - MOTOR RATED

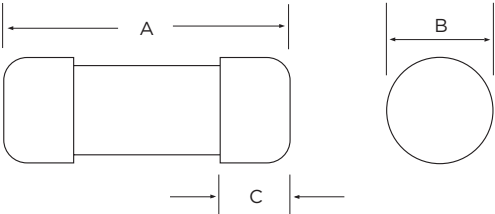
CONTACT CAP FUSE LINK

Rated Voltage: 500V AC
Rated breaking capacity: 80kA
Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103
Class: **aM/gM**
Characteristic: Motor starting duty

HRC Fuse Link Cylindrical 22x58 aM/gM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	MEM 22x58		
	MEM10	2-361502-9	5
	MEM16	3-361502-0	5
	MEM20	3-361502-1	5
	MEM32	3-361502-2	5
	MEM40	3-361502-3	5
	MEM50	3-361502-4	5
	MEM63	3-361502-5	5
	MEM80	3-361502-6	5
	MEM100	3-361502-7	5

Dimensions (mm)
A 38 B 10.3 C 9.5



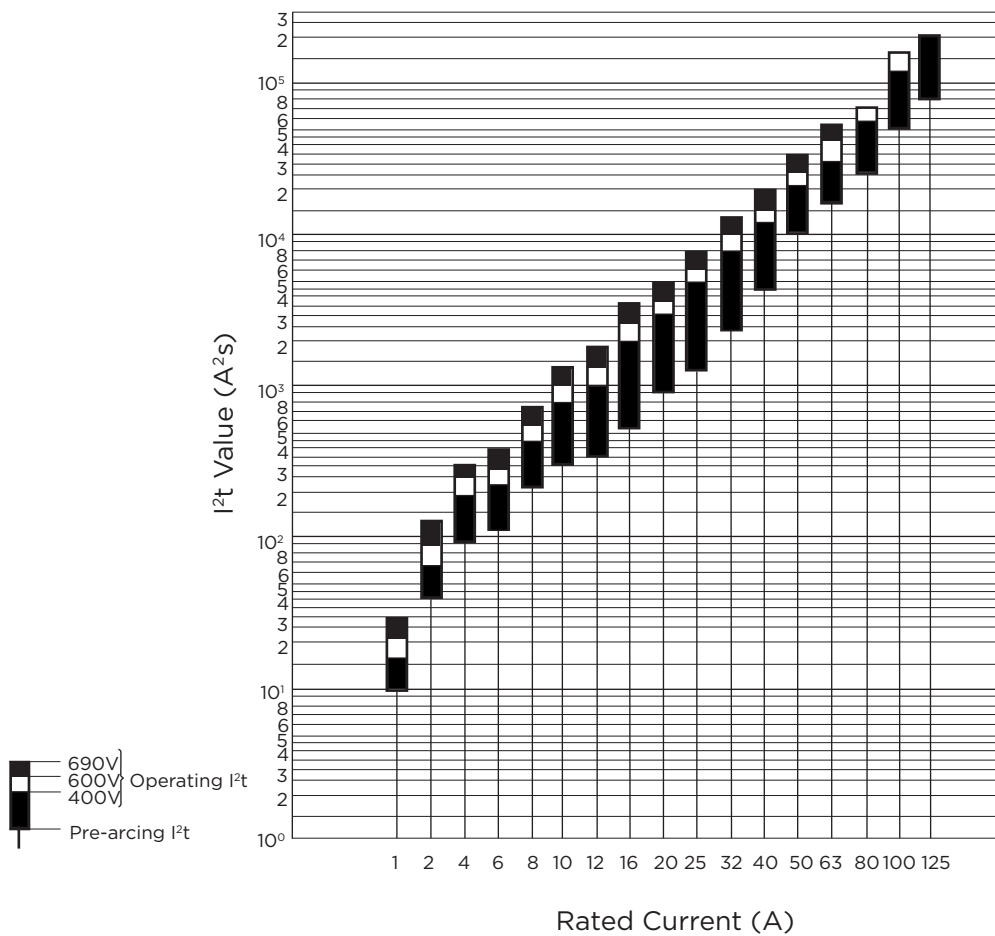
CYLINDRICAL PROTECTION - MOTOR RATED

CONTACT CAP FUSE LINK TECHNICAL DATA

Class: **aM/gM**

I^2t Characteristics

aM /gM



CYLINDRICAL PROTECTION - MOTOR RATED

CONTACT CAP FUSE LINK TECHNICAL DATA

Class: **aM/gM**

Power Dissipation (w)

aM /gM

IN	FUSE LINK		
(A)	10x38 (W)	14x51 (W)	22x58 (W)
0.16	0.24	-	-
0.25	0.36	0.41	-
0.5	0.49	0.69	-
1	0.10	0.14	-
2	0.18	0.24	0.29
4	0.31	0.45	0.48
6	0.32	0.42	0.47
8	0.52	0.70	0.73
10	0.55	0.53	0.74
12	0.63	0.88	0.83
16	0.92	1.16	1.21
20	0.96	1.23	1.29
25	1.40	1.46	1.53
32	-	2.04	2.13
40	-	2.60	3.40
45	-	2.85	-
50	-	2.90	3.48
63	-	-	4.46
80	-	-	5.86
100	-	-	6.61
125	-	-	8.42

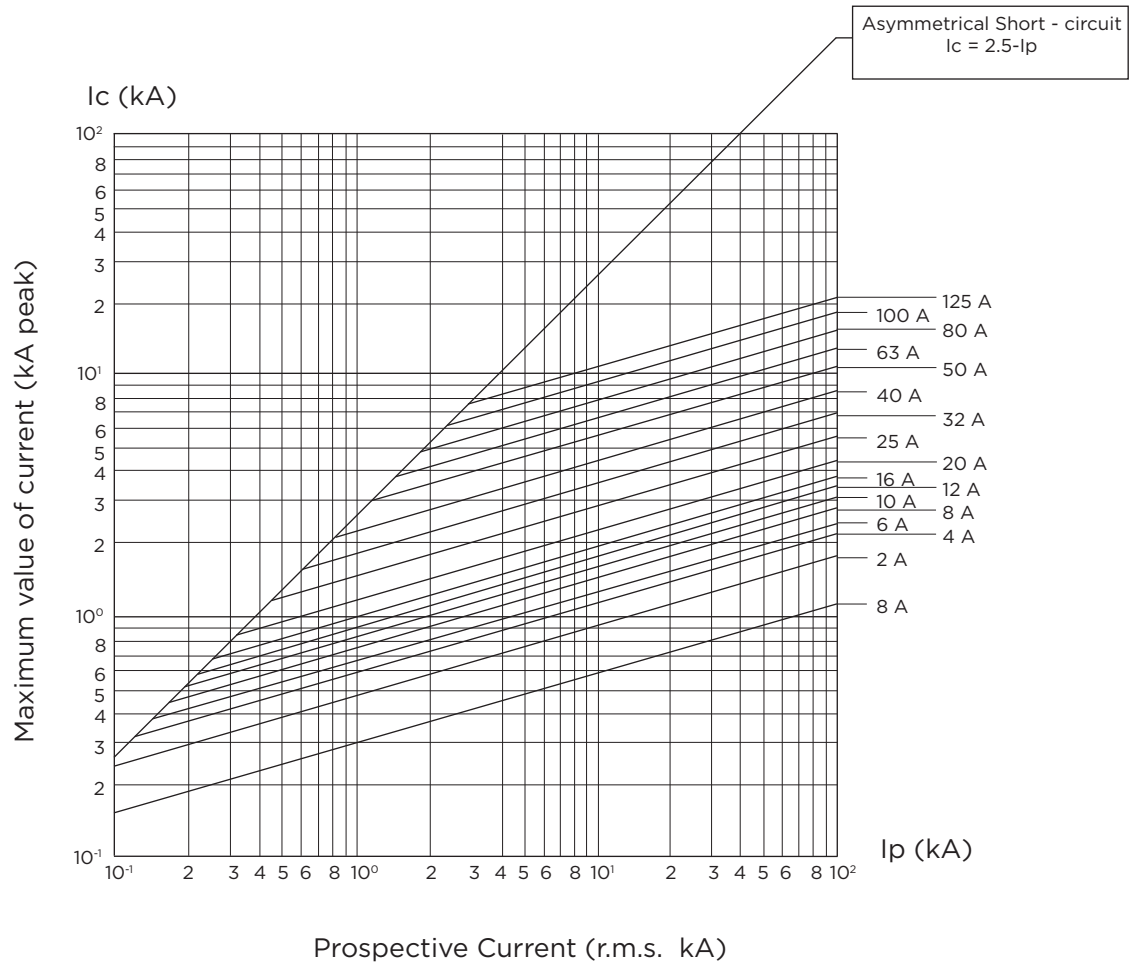
CYLINDRICAL PROTECTION - MOTOR RATED

CONTACT CAP FUSE LINK TECHNICAL DATA

Class: **aM/gM**

Cut Off Characteristics

aM /gM

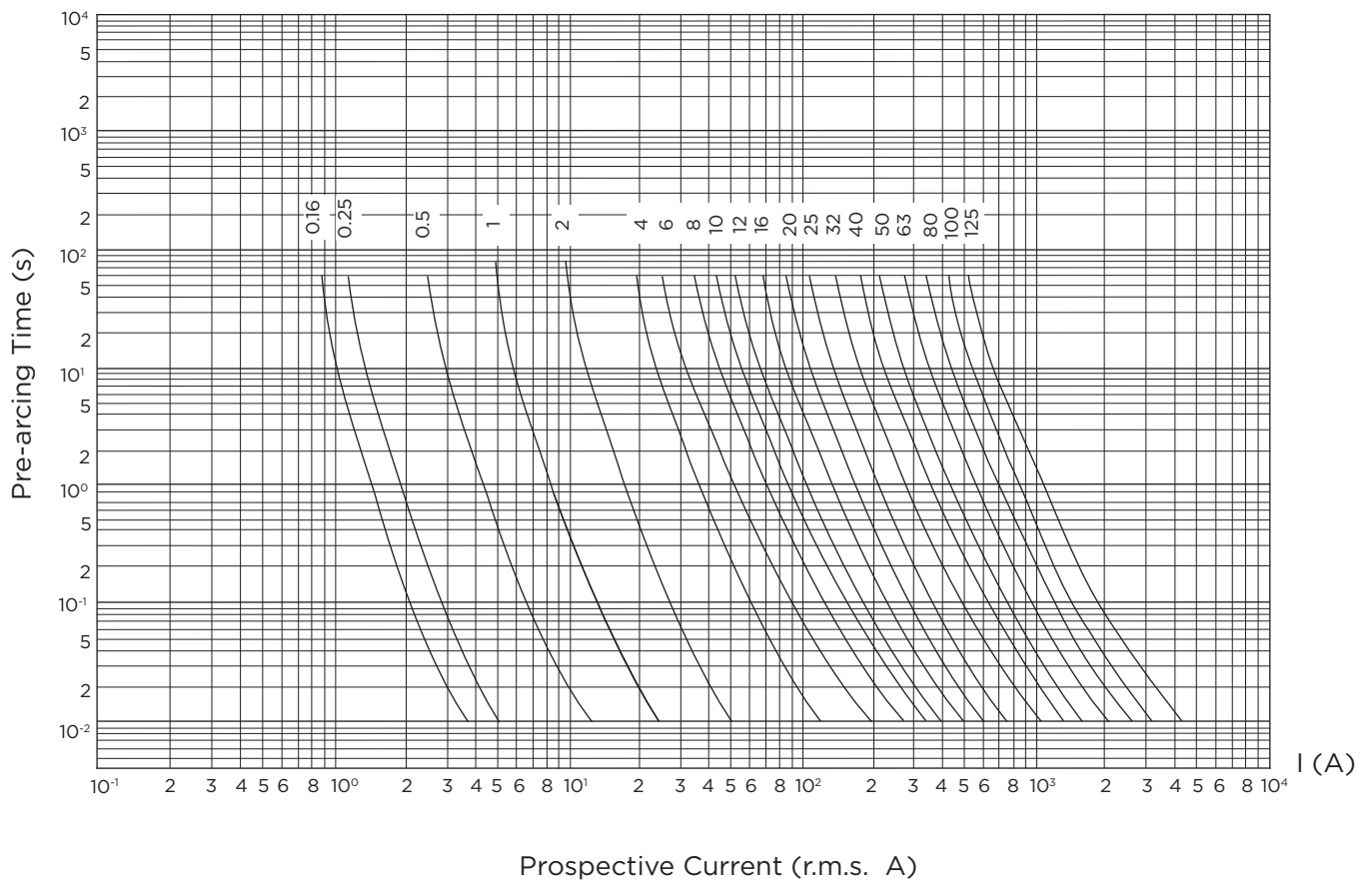


CONTACT CAP FUSE LINK TECHNICAL DATA

Class: **aM/gM**

T-I Characteristics

aM /gM



CYLINDRICAL PROTECTION - QUICK RESPONSE

QUICK RESPONSE PROTECTION CYLINDRICAL
CONTACT CAP FUSE LINK

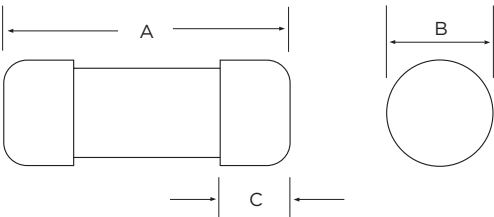
Rated Voltage: 500V AC
Rated breaking capacity: 80kA
Standard specifications: IEC 60269-4-1 EN60269-4-1 NFC63-210 UNE21.103
Class: **aR/gR**
Characteristic: Protection of Semiconductor Devices

HRC Fuse Link Cylindrical 10x38 aR/gR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	CFF 10x38		
	CFF1038-6	5-361502-5	10
	CFF1038-10	5-361502-6	10
	CFF1038-16	5-361502-7	10
	CFF1038-20	5-361502-8	10
	CFF1038-25	5-361502-9	10
	CFF1038-32	6-361502-0	10

Other current ratings available on request

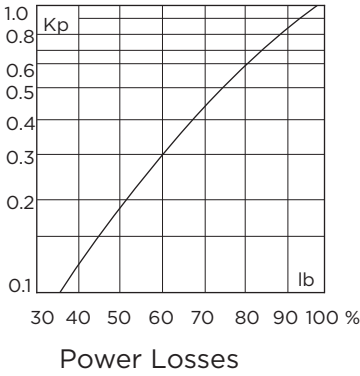
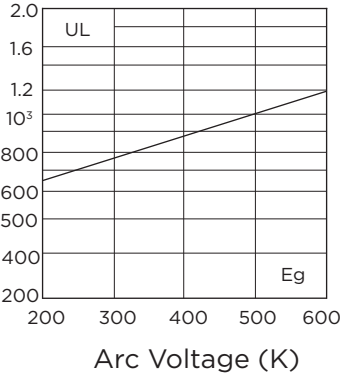
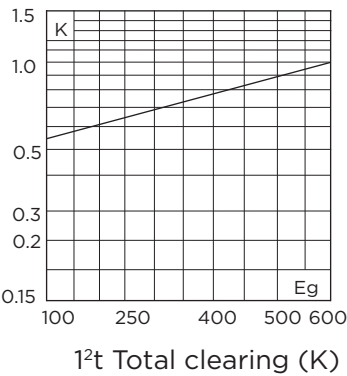
Dimensions (mm)
A 38 B 10.3 C 9.5



SEMICONDUCTOR FUSE LINK

Class: **aR 10x38**

Technical Data aR/gR



CYLINDRICAL PROTECTION - QUICK RESPONSE

SEMICONDUCTOR FUSE LINK

Class: **aR 10x38**

Technical Data

aR 10x38

In	I ² t(A ² S)	I ² t(A ² S)	Watt Loss
(A)	(V) Prearcing	(kA) Clearing at 600V	(W) In
3	-	-	-
6	4	30	1.5
8	6	50	2
10	9	70	2.5
12	15	120	3
16	25	150	3.5
20	34	260	4.8
25	60	390	6
32	95	600	7.5

QUICK RESPONSE PROTECTION CYLINDRICAL CONTACT CAP FUSE LINK

Rated Voltage: 500V AC

Rated breaking capacity: 80kA

Standard specifications: IEC 60269-4-1 EN60269-4-1 NFC63-210 UNE21.103

Class: **aR/gR**

Characteristic: Protection of Semiconductor Devices

HRC Fuse Link Cylindrical

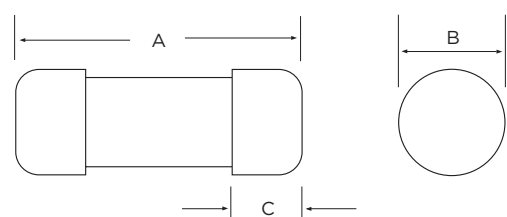
aR/gR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	CFF 14x51		
	CFF1451-10	8-361502-0	10
	CFF1451-16	8-361502-1	10
	CFF1451-20	8-361502-2	10
	CFF1451-32	8-361502-3	10
	CFF1451-40	8-361502-4	10
	CFF1451-50	8-361502-5	10
	CFF1451-63	8-361502-6	10

Other current ratings available on request

Dimensions (mm)

A 51 **B** 14.3 **C** 10

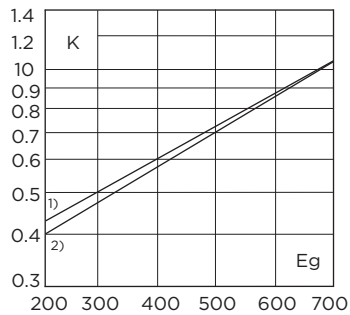


SEMICONDUCTOR FUSE LINK

Class: **aR 14x51**

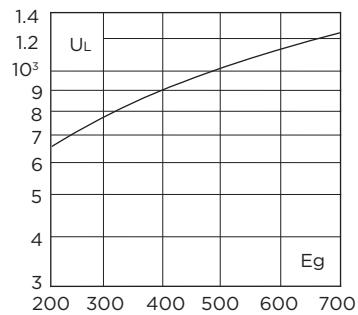
Technical Data

aR/gR

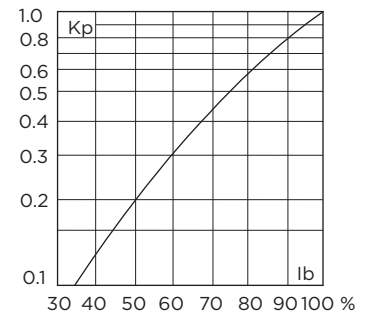


1) 5-30 Amp Range
2) 32-50 Amp Range

I^2t Total clearing (K)



Arc Voltage (U_L)



Power Losses

Technical Data

aR/gR

I_n	$I^2t(A^2S)$	$I^2t(A^2S)$	Watt Loss
(A)	(V) Pre-arcing	(kA) Clearing at 600V	(W) I_n
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	1.6	11	1.5
6	-	-	-
10	3.6	22	4
15	10	75	5.5
20	26	180	6
25	44	320	7
30	58	450	9
32	68	600	7.6
40	84	750	8
50	200	1800	9

CYLINDRICAL PROTECTION - QUICK RESPONSE

QUICK RESPONSE PROTECTION CYLINDRICAL CONTACT CAP FUSE LINK

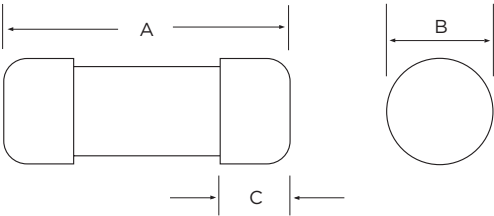
Rated Voltage: 500V AC
Rated breaking capacity: 80kA
Standard specifications: IEC 60269-4-1 EN60269-4-1 NFC63-210 UNE21.103
Class: **aR/gR**
Characteristic: Protection of Semiconductor Devices

HRC Fuse Link Cylindrical

aR/gR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	MEF 22x58		
	MEF10	3-361502-8	5
	MEF16	3-361502-9	5
	MEF20	4-361502-0	5
	MEF32	4-361502-1	5
	MEF40	4-361502-2	5
	MEF50	4-361502-3	5
	MEF63	4-361502-4	5
	MEF80	4-361502-5	5
	MEF100	4-361502-6	5

Dimensions (mm)
A 58 B 22.2 C 10



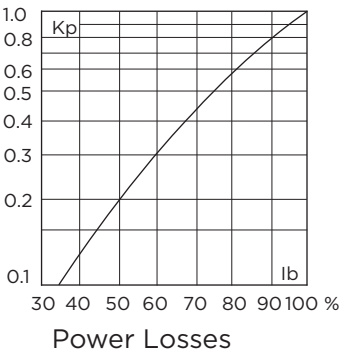
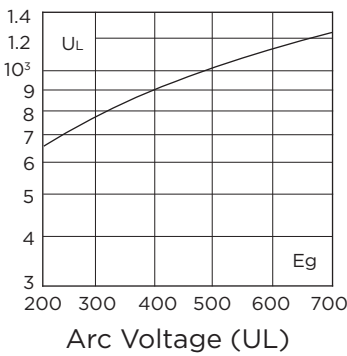
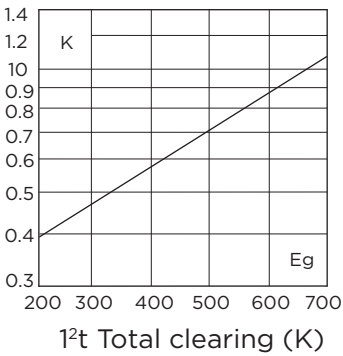
CYLINDRICAL PROTECTION - QUICK RESPONSE

SEMICONDUCTOR FUSE LINK

Class: **aR 22x58**

Technical Data

aR 22x58



Technical Data

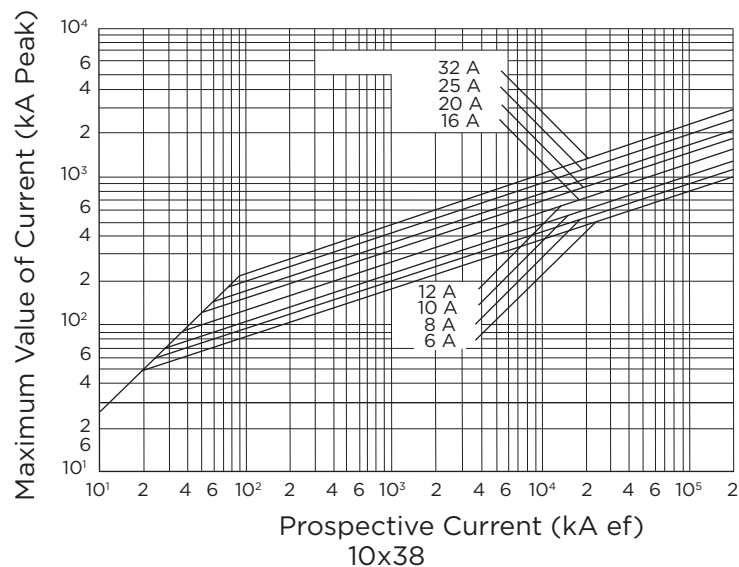
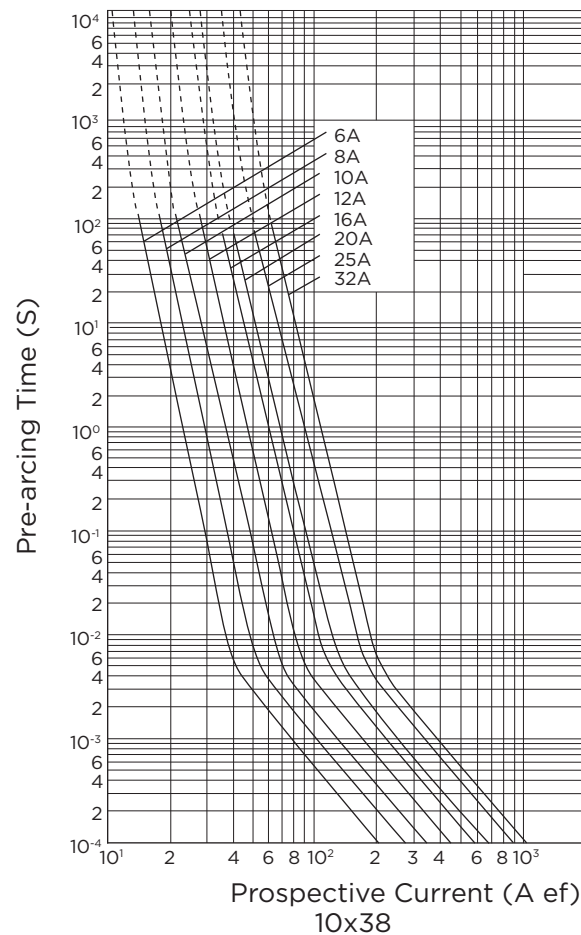
aR 22x58

I_n	$I^2t(A^2S)$	$I^2t(A^2S)$	Watt Loss
(A)	(V) Prearcing	(kA) Clearing at 600V	(W) I_n
20	23	260	5.6
25	37	410	5.6
32	55	605	7
40	68	750	8.5
50	155	1600	9.5
63	280	3080	11
80	600	6600	13.5
100	1100	12500	16

SEMICONDUCTOR FUSE LINK TECHNICAL DATA

Class: **aR 10x38**

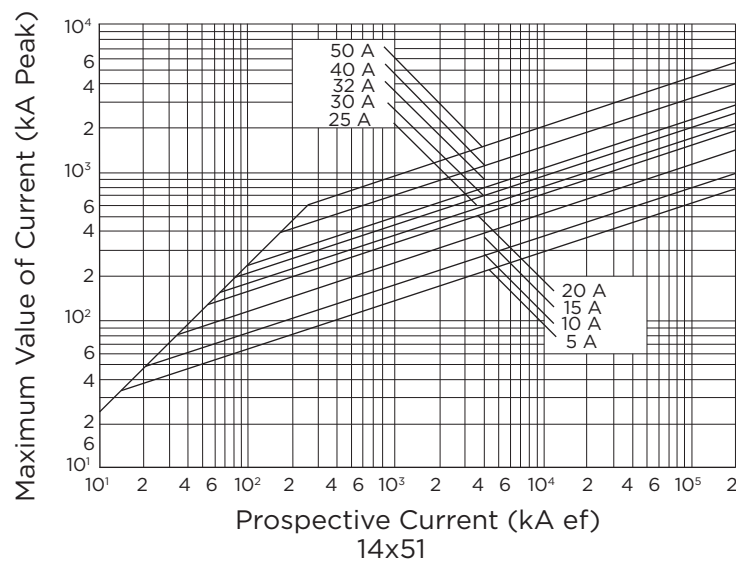
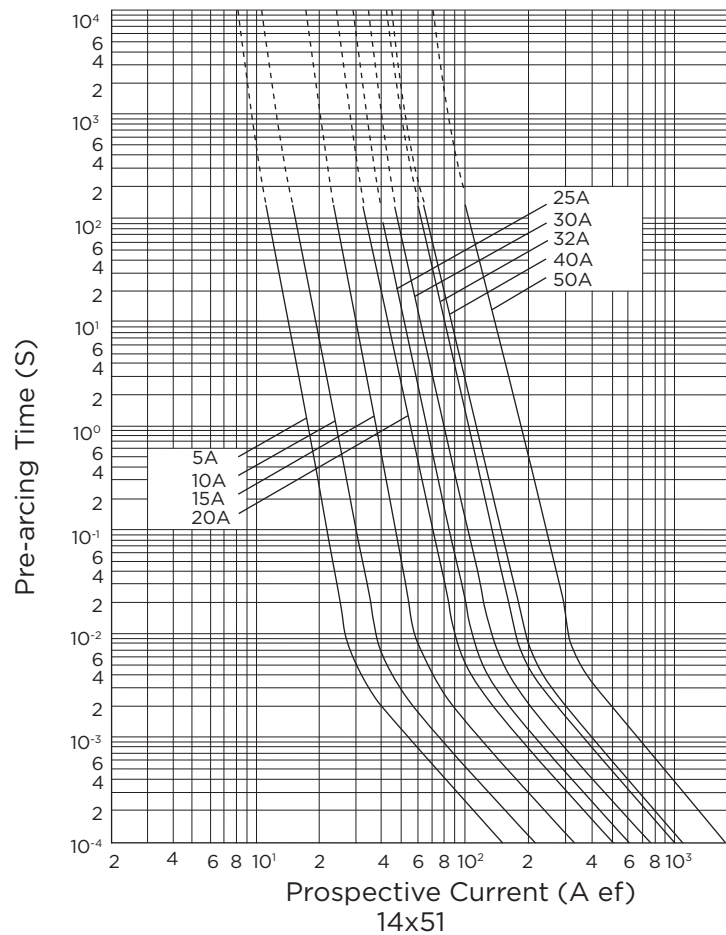
T-I Characteristics



SEMICONDUCTOR FUSE LINK TECHNICAL DATA

Class: **aR 14x51**

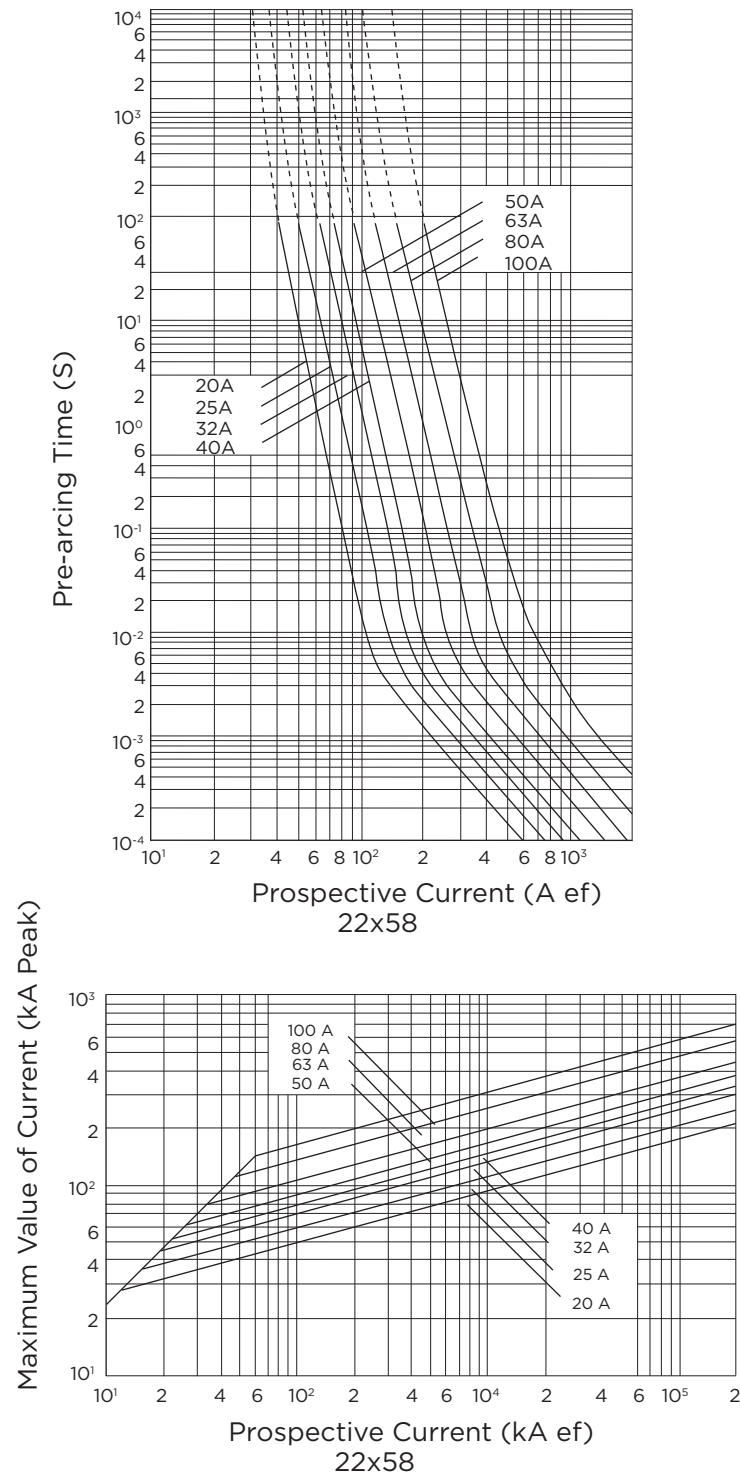
T-I Characteristics



SEMICONDUCTOR FUSE LINK TECHNICAL DATA

Class: **aR 22x58**

T-I Characteristics



LV HRC KNIFE CONTACT FUSE LINK

Rated Voltage: 500V/690V AC

Rated breaking capacity: 100kA

Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103

Class: **gG/gL**

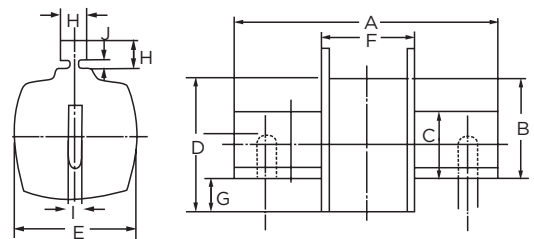
Fuse Link NH Blade Type

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NHC00 gG/gL		
	NHC006	2-361500-8	5
	NHC0010	2-361500-9	5
	NHC0016	3-361500-0	5
	NHC0020	3-361500-1	5
	NHC0025	3-361500-2	5
	NHC0032	3-361500-3	5
	NHC0040	3-361500-4	5
	NHC0050	3-361500-5	5
	NHC0063	3-361500-6	5
	NHC0080	3-361500-7	5
	NHC00100	3-361500-8	5

Dimensions (mm)

A 78.5 **B** 35 **C** 15 **D** 45 **E** 20 **F** 49 **G** 11.5 **H** 10 **I** 6 **J** 2.5



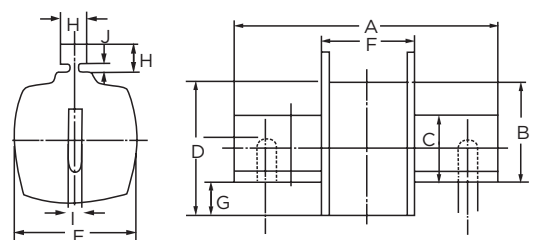
Fuse Link Blade Type

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH00 gG /gL		
	NH00125	5-361500-2	5
	NH00160	5-361500-3	5

Dimensions (mm)

A 78.5 **B** 35 **C** 15 **D** 45 **E** 20 **F** 49 **G** 11.5 **H** 10 **I** 6 **J** 2.5



LV HRC KNIFE CONTACT FUSE LINK

Rated Voltage: 500V/690V AC

Rated breaking capacity: 100kA

Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103

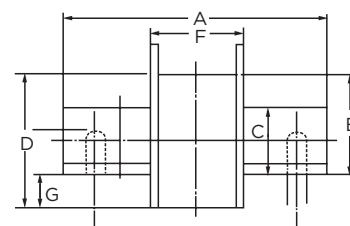
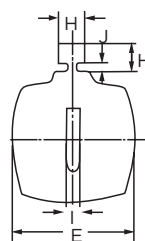
Class: **gG/gL**

Fuse Link NH Blade Type

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH1 gG /gL		
	NH125	5-361500-4	3
	NH132	5-361500-5	3
	NH140	5-361500-6	3
	NH150	5-361500-7	3
	NH163	5-361500-8	3
	NH180	5-361500-9	3
	NH1100	6-361500-0	3
	NH1125	6-361500-1	3
	NH1160	6-361500-2	3
	NH1200	6-361500-3	3
	NH1250	6-361500-4	3

Dimensions (mm)

A 135 **B** 40 **C** 21 **D** 48 **E** 48 **F** 68 **G** 12 **H** 10 **I** 6 **J** 2.5



gG/gL

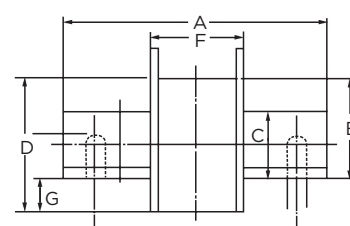
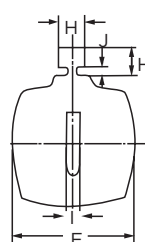


Fuse Link Blade Type

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH2 gG /gL		
	NH280	1-361502-5	1
	NH2100	1-361502-6	1
	NH2125	6-361500-5	1
	NH2160	1-361502-7	1
	NH2200	6-361500-6	1
	NH2250	6-361500-8	1
	NH2315	6-361500-9	1
	NH2355	7-361500-0	1
	NH2400	7-361500-1	1

Dimensions (mm)

A 150 **B** 48 **C** 27 **D** 58 **E** 58 **F** 68 **G** 13 **H** 10 **I** 6 **J** 2.5



gG/gL



LV HRC KNIFE CONTACT FUSE LINK

Rated Voltage: 500V/690V AC
Rated breaking capacity: 100kA
Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103
Class: **gG/gL**

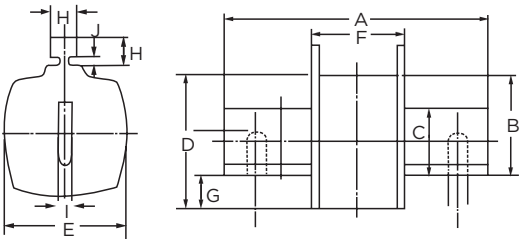
Fuse Link NH Blade Type

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH3 gG /gL		
	NH3315	7-361500-2	1
	NH3355	7-361500-3	1
	NH3400	7-361500-4	1
	NH3500	7-361500-6	1
	NH3630	7-361500-7	1

Dimensions (mm)

A 150 B 60 C 33 D 67 E 67 F 68 G 14 H 10 I 6
J 2.5

gG/gL



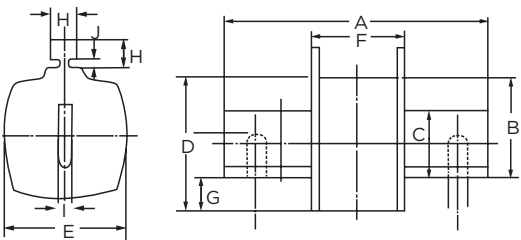
Fuse Link Blade Type

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH4a gG/gL		
	NH4a630	7-361500-8	1
	NH4a800	7-361500-9	1
	NH4a1000	8-361500-0	1
	NH4a1250	8-361500-1	1
	NH4a1600	8-361500-2	1

Dimensions (mm)

A 200 B 83 C 50 D 110 E 95 F 68 G 20 H 150 I 16 J 32

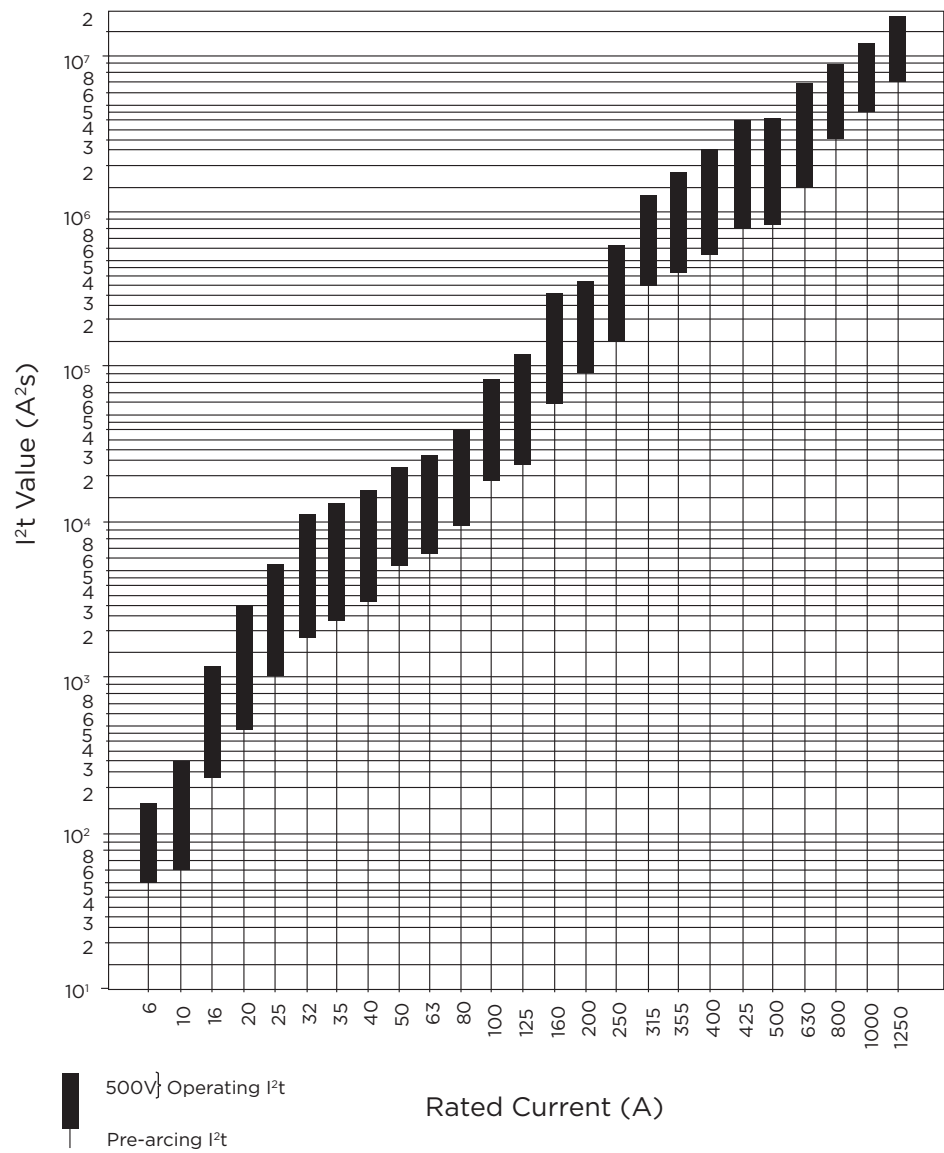
gG/gL



LH FUSE LINK 500V TECHNICAL DATA

Class: **gG/gL**

I²t Characteristics



NH FUSE LINK 500V TECHNICAL DATA

Class: **gG/gL**

I²t Characteristics

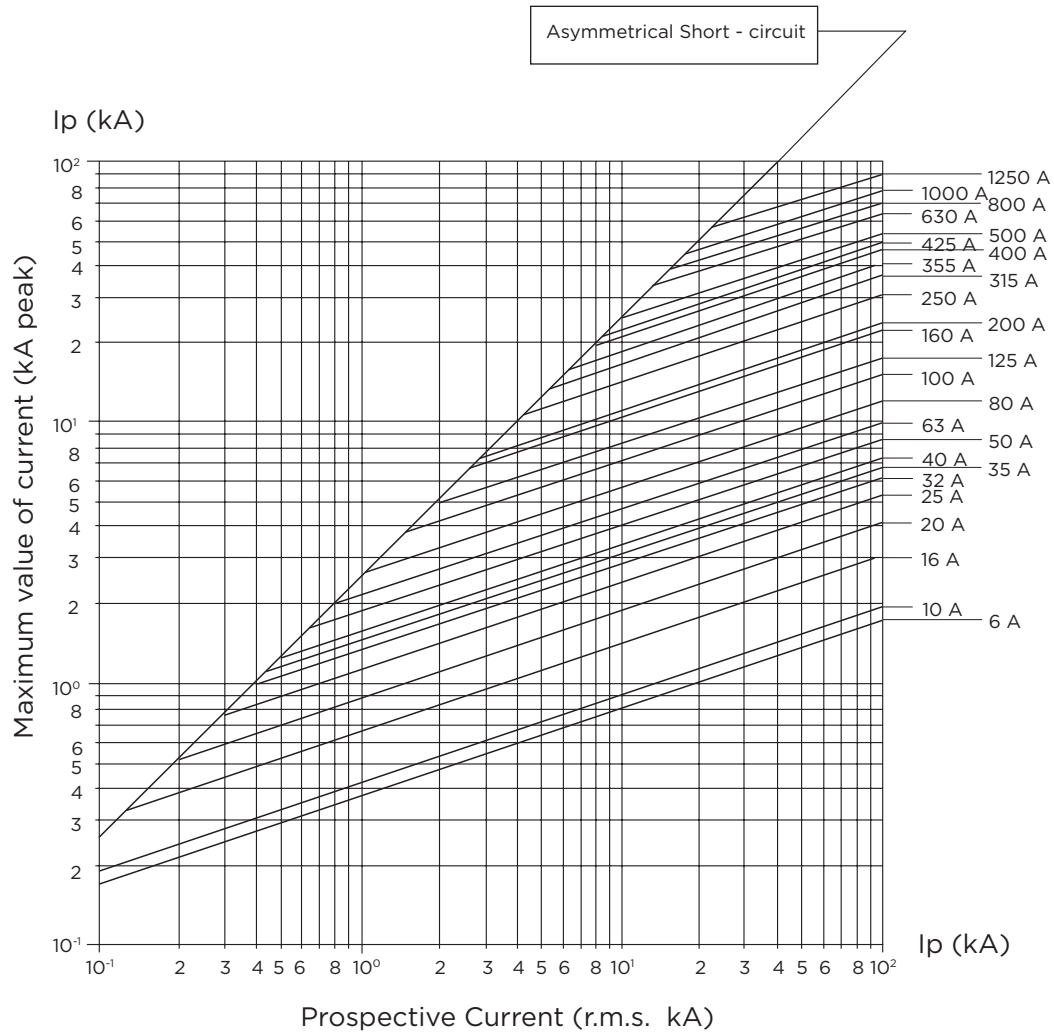
In	Size						
(A)	000	00	0	1	2	3	4
2	0.68	-	-	-	-	-	-
4	0.7	-	-	-	-	-	-
6	0.8	-	1.1	-	-	-	-
10	1.5	-	1.7	-	-	-	-
16	2.3	-	3	-	-	-	-
20	2.2	-	3.2	-	-	-	-
25	2.8	-	3.2	-	-	-	-
32	3.7	-	4.8	-	-	-	-
35	3.7	-	4.4	-	-	-	-
40	4	-	4.7	-	-	-	-
50	4.9	-	6.3	6.7	-	-	-
63	4.5	-	5.6	5.6	6	-	-
80	6.3	-	7.1	7.1	7	-	-
100	7.4	-	7.5	7.1	8	-	-
125	-	10	10	11.6	12	-	-
160	-	10	11.5	12.3	12	-	-
200	-	-	-	15	15	-	-
250	-	-	-	19	19	20	-
315	-	-	-	24.8*	21	21	-
355	-	-	-	25.1*	27	27	-
400	-	-	-	-	29	29	-
425	-	-	-	-	35.5*	32	-
500	-	-	-	-	39.4*	37	33
630	-	-	-	-	-	46	44
800	-	-	-	-	-	57.3*	57
1000	-	-	-	-	-	-	85
1250	-	-	-	-	-	-	105*

*Overrating Fuses

NH FUSE LINK 500V TECHNICAL DATA

Class: **gG/gL**

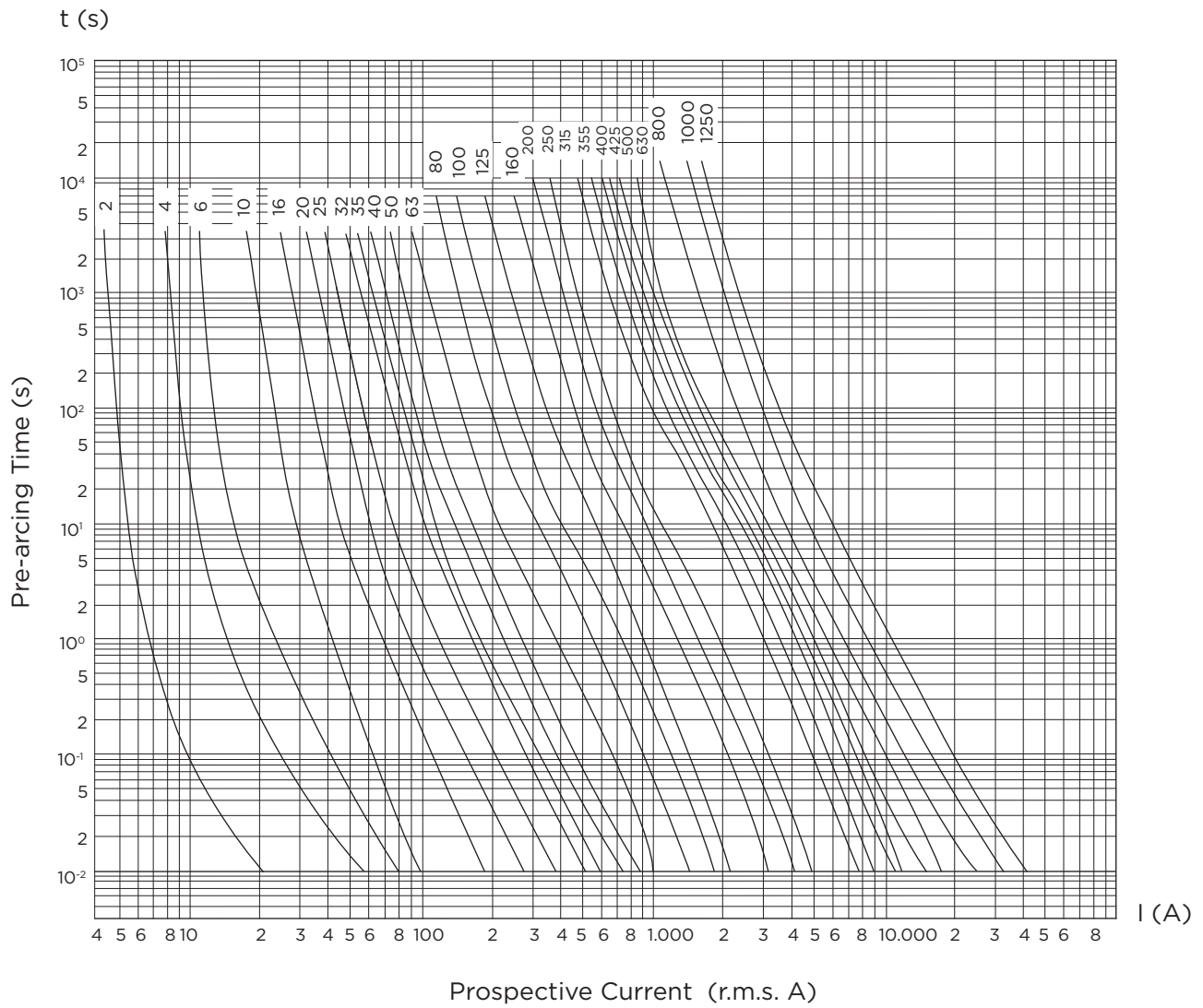
Cut off Characteristics



NH FUSE LINK 500V TECHNICAL DATA

Class: **gG/gL**

T-I Characteristics



FUSE PULLER FOR LV HRC KNIFE CONTACT FUSES

DESCRIPTION	CAT NO.	PACK SIZE
Size NH00-4a		
NHC00-4a	0-000000-0	1

LV HRC KNIFE CONTACT KNIFE LINK (NEUTRAL)

Rated Voltage: 690V AC

NH Solid Link (Neutral)

	DESCRIPTION	CAT NO.	Pack Size
Type	NH Solid Link		
	SLC00	8-361502-7	1
	SL1	8-361502-8	1
	SL2	8-361502-9	1
	SL3	9-361502-0	1
	SL4A	9-361502-1	1

NH PROTECTION - MOTOR RATED

LV HRC KNIFE CONTACT FUSE LINK

Rated Voltage: 500V/690V AC

Rated breaking capacity: 100kA

Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103

Class: **aM**

Fuse Link NH Blade Type

aM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH00 aM		
	NTMC032	9-361502-2	5
	NTMC050	9-361502-3	5
	NTMC063	9-361502-4	5
	NTMC080	9-361502-5	5
	NTMC0100	9-361502-6	5

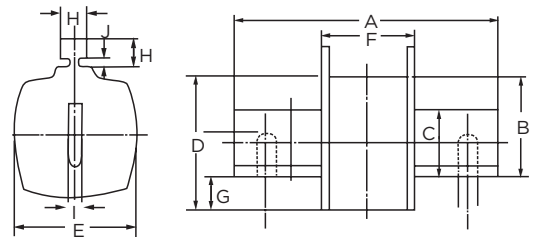
Dimensions (mm)

A 78.5 **B** 35 **C** 15 **D** 45 **E** 20 **F** 49 **G** 11.5 **H** 10 **I** 6 **J** 2.5

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH00 aM		
	NTM00125	9-361502-7	5
	NTM00160	9-361502-8	5

Dimensions (mm)

A 78.5 **B** 35 **C** 15 **D** 45 **E** 29 **F** 49 **G** 11.5 **H** 10 **I** 6 **J** 2.5



Other current ratings available on request

Fuse Link Blade Type

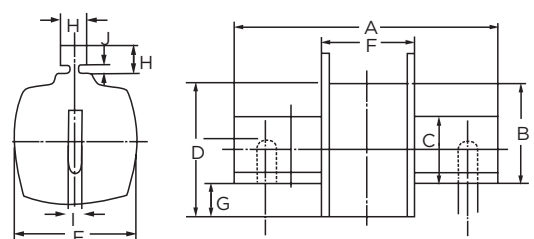
aM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH1 aM		
	NTM180	9-361502-9	3
	NTM1100	361503-1	3
	NTM1160	361503-2	3
	NTM1200	361503-3	3
	NTM1250	361503-4	3

Other current ratings available on request

Dimensions (mm)

A 135 **B** 40 **C** 21 **D** 48 **E** 48 **F** 68 **G** 12 **H** 10 **I** 6 **J** 2.5



NH PROTECTION - MOTOR RATED

LV HRC KNIFE CONTACT FUSE LINK

Rated Voltage: 500V/690V AC
Rated breaking capacity: 100kA
Standard specifications: IEC 60269-2-1 EN60269-2-1 NFC63-210 UNE21.103
Class: **aM**

Fuse Link NH Blade Type

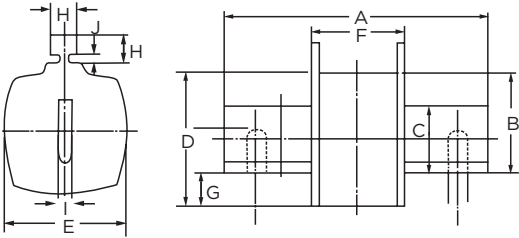
aM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH2 aM		
	NTM2200	361503-5	1
	NTM2250	361503-6	1
	NTM2315	361503-7	1
	NTM2355	361503-8	1
	NTM2400	361503-9	1

Other current ratings available on request

Dimensions (mm)

A 150 B 48 C 27 D 58 E 58 F 68 G 13 H 10 I 6 J 2.5



Fuse Link Blade Type

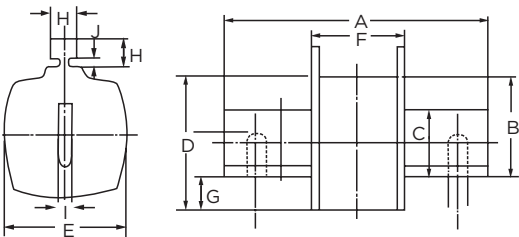
aM

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH3 aM		
	NTM3400	1-361503-0	1
	NTM3500	1-361503-1	1
	NTM3630	1-361503-2	1

Other current ratings available on request

Dimensions (mm)

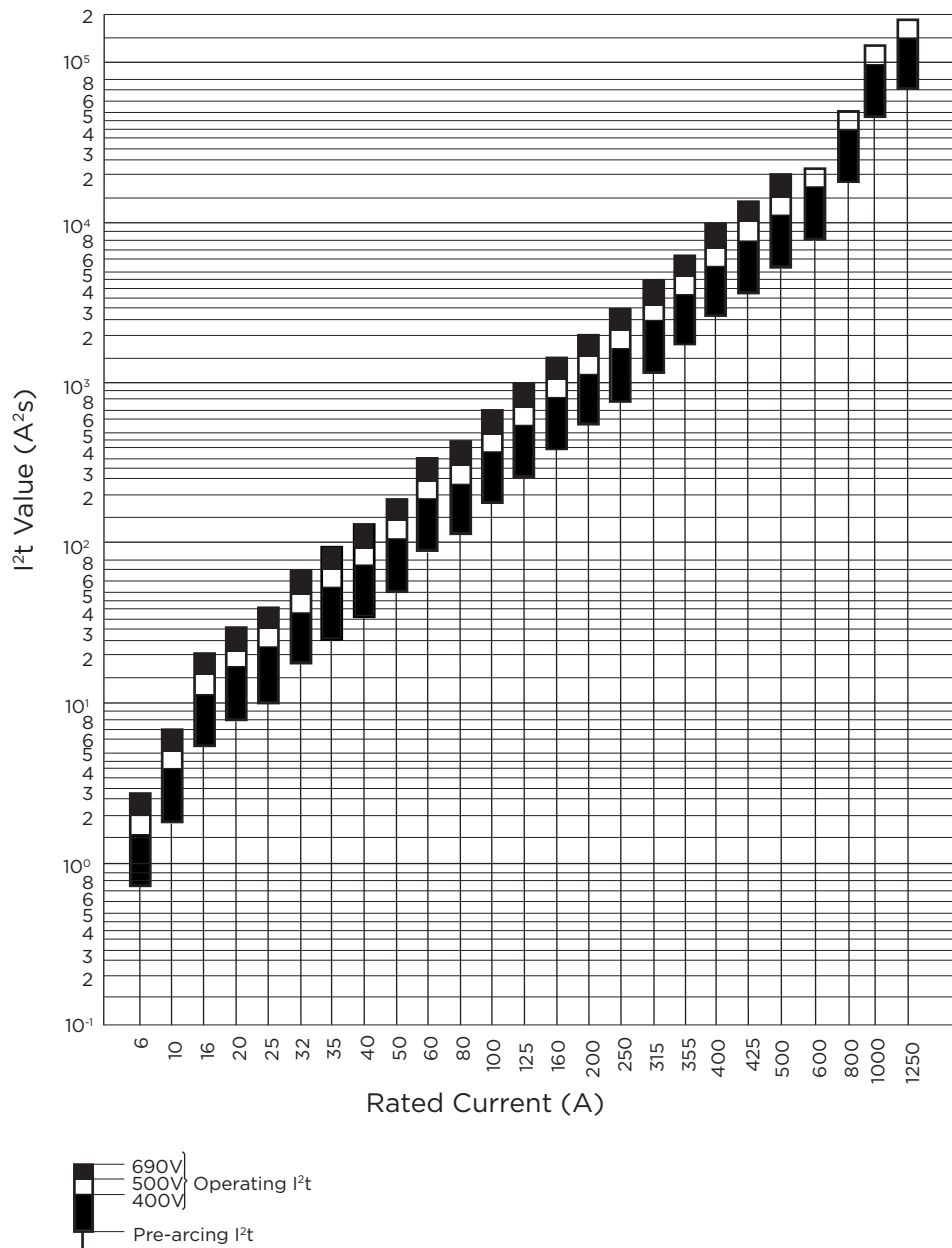
A 150 B 60 C 33 D 67 E 67 F 68 G 14 H 10 I 6 J 2.5



NH FUSE LINKS 500V TECHNICAL DATA

Class: **aM**

I^2t Characteristics



NH FUSE LINKS 500V TECHNICAL DATA

Class: **aM**

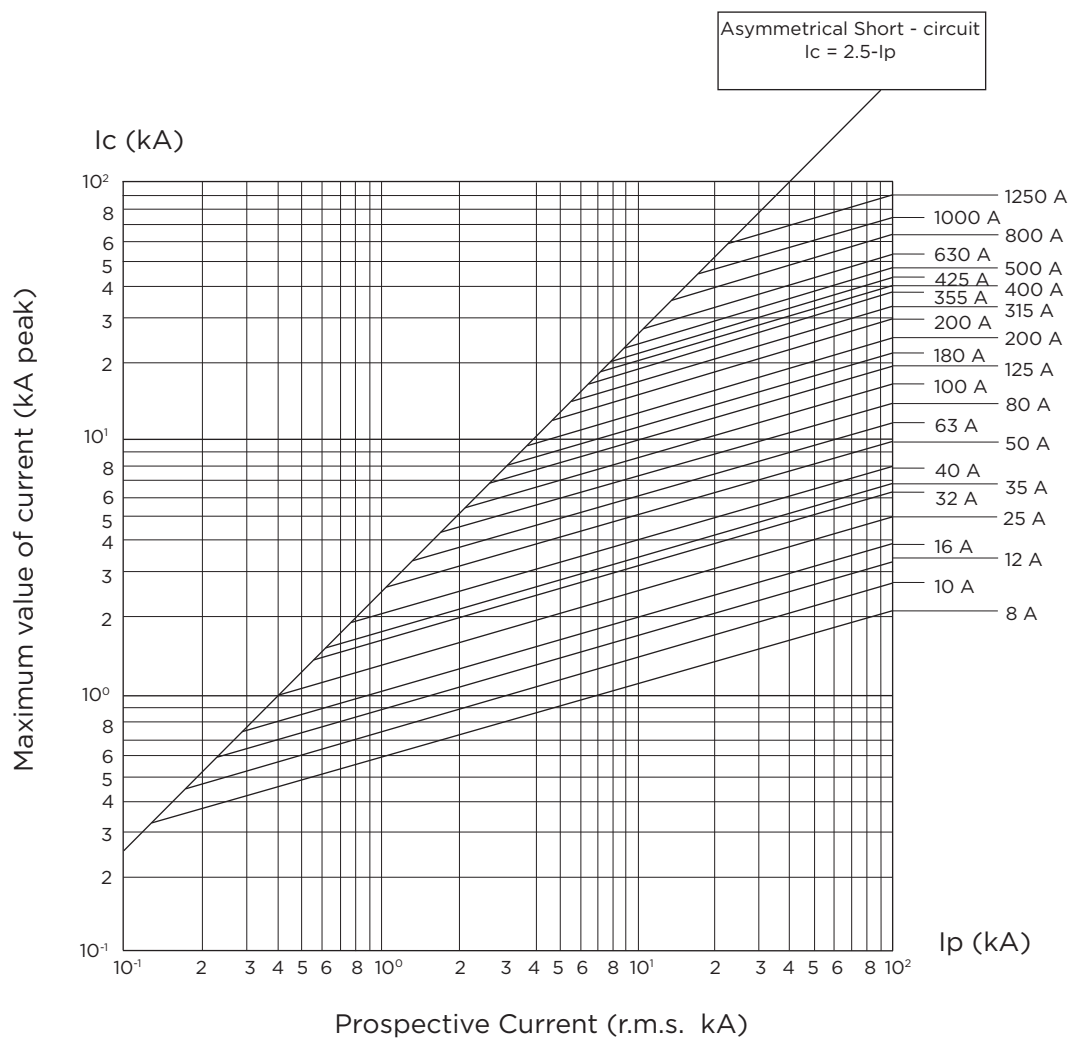
Power Dissipation

In	Size						
(A)	NH000	NH00	NH0/0S	NH1	NH2	NH3	NH4
6	0.33	-	0.42	-	-	-	-
10	0.52	-	0.67	-	-	-	-
16	0.81	-	0.98	-	-	-	-
20	0.92	-	1.04	-	-	-	-
25	1.08	-	1.17	-	-	-	-
32	1.42	-	1.67	-	-	-	-
35	1.58	-	1.72	-	-	-	-
40	1.68	-	1.91	-	-	-	-
50	-	2.28	2.51	-	-	-	-
63	-	2.90	3.35	3.2	-	-	-
80	-	4.19	4.93	4.6	-	-	-
63	4.5	-	5.6	5.6	6	-	-
80	6.3	-	7.1	7.1	7	-	-
100	-	5.09	5.72	5.7	-	-	-
125	-	6.29	7.30	6.98	7.6	-	-
160	-	7.73	9.5	9.2	9.7	-	-
200	-	-	12.3	13.7	13.9	-	-
224	-	-	-	14	14	-	-
250	-	-	-	15.3	17	-	-
315	-	-	-	-	26	20.6	18.8
355	-	-	-	-	25.2	23.9	-
400	-	-	-	-	29.3	26.5	23.5
425	-	-	-	-	-	28.3	-
500	-	-	-	-	-	35.8	34
630	-	-	-	-	-	56.9	49
800	-	-	-	-	-	-	70
1000	-	-	-	-	-	-	80
1250	-	-	-	-	-	-	108

NH FUSE LINKS 500V TECHNICAL DATA

Class: **aM**

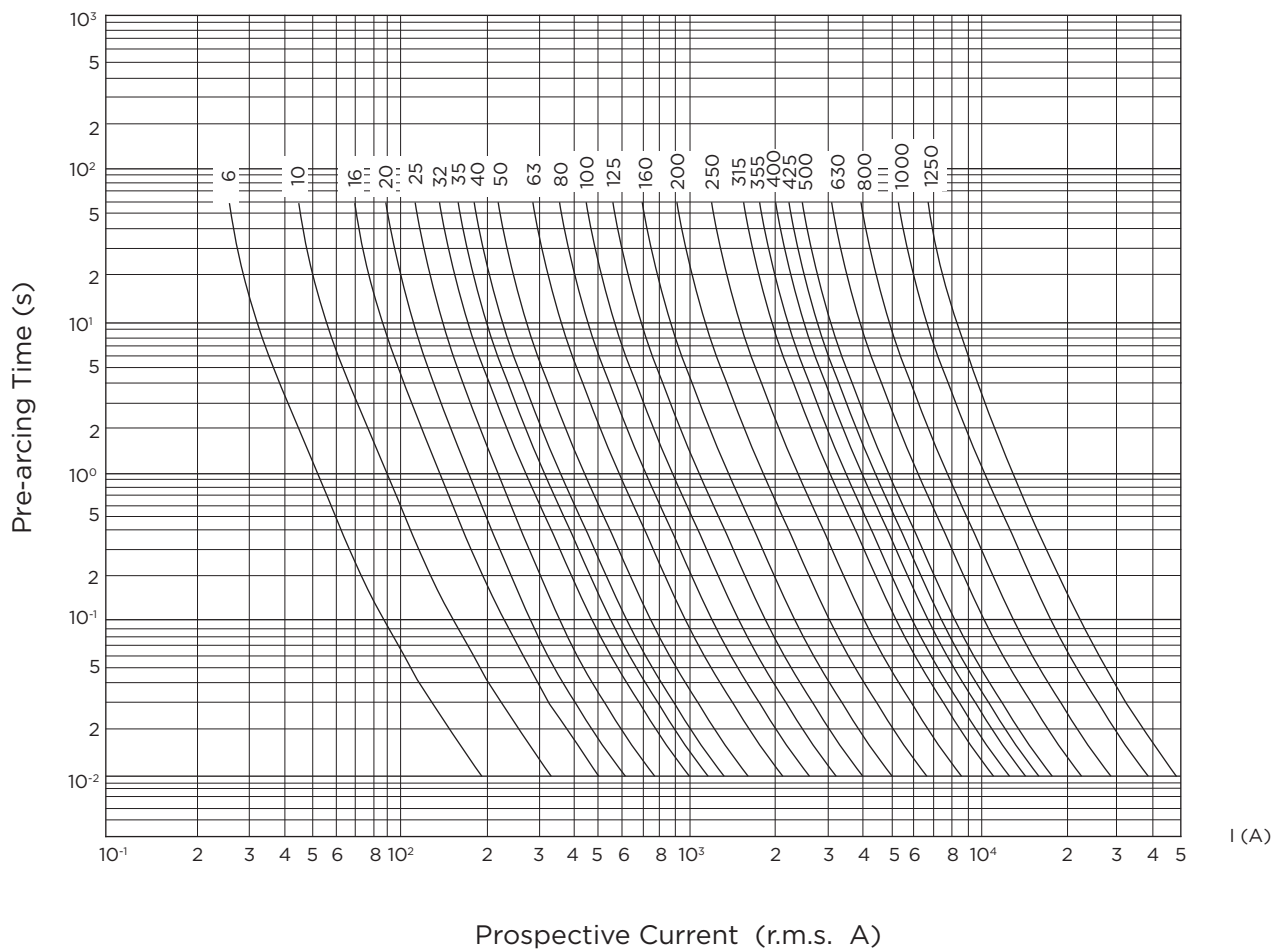
Cut Off Characteristics



NH FUSE LINKS 500V TECHNICAL DATA

Class: **aM**

T-I Characteristics



NH PROTECTION - QUICK RESPONSE

FUSE FOR THE PROTECTION OF SEMICONDUCTOR DEVICES C TYPE

Rated Voltage: up to 1000V AC
Rated breaking capacity: 100kA
Standard specifications: IEC 60269-4-1 EN60269-4-1
Class: **aR**

Fuse Link NH Blade Type (Knife Type)

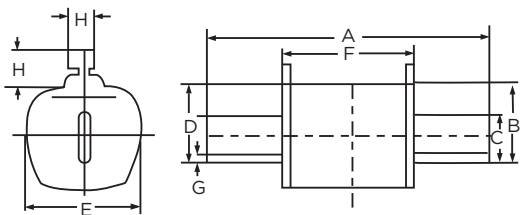
aR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH00 aR		
	NGTC0032	1-361503-3	0
	NGTC0050	1-361503-4	0
	NGTC0063	1-361503-5	0
	NGTC0080	1-361503-6	0
	NGTC00100	1-361503-7	0
	NGTC00125	1-361503-8	0
	NGTC00160	1-361503-9	0

Other current ratings available on request

Dimensions (mm)

A 78.5 **B** 85 **C** 15 **D** 45 **E** 29 **F** 49 **G** 11.5 **H** 10



Fuse Link NH Blade Type

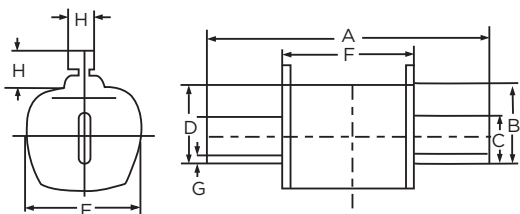
aR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH1 aR		
	NGTC1160	2-361503-0	0
	NGTC1200	2-361503-1	0
	NGTC1250	2-361503-2	0

Other current ratings available on request

Dimensions (mm)

A 135 **B** 40 **C** 21 **D** 48 **E** 48 **F** 68 **G** 12 **H** 10



FUSE FOR THE PROTECTION OF SEMICONDUCTOR DEVICES C TYPE

Rated Voltage: up to 1000V AC
Rated breaking capacity: 100kA
Standard specifications: IEC 60269-4-1 EN60269-4-1
Class: **aR**

Fuse Link NH Blade Type

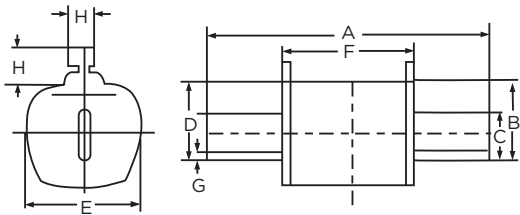
aR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH2 aR		
	NGTC2400	2-361503-4	0

Other current ratings available on request

Dimensions (mm)

A 150 B 48 C 27 D 58 E 58 F 68 G 13 H 10



Fuse Link NH Blade Type

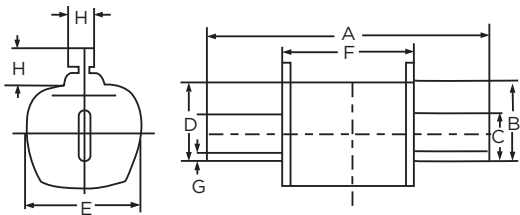
aR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size NH3 aR		
	NGTC3500	2-361503-5	0
	NGTC3630	2-361503-6	0

Other current ratings available on request

Dimensions (mm)

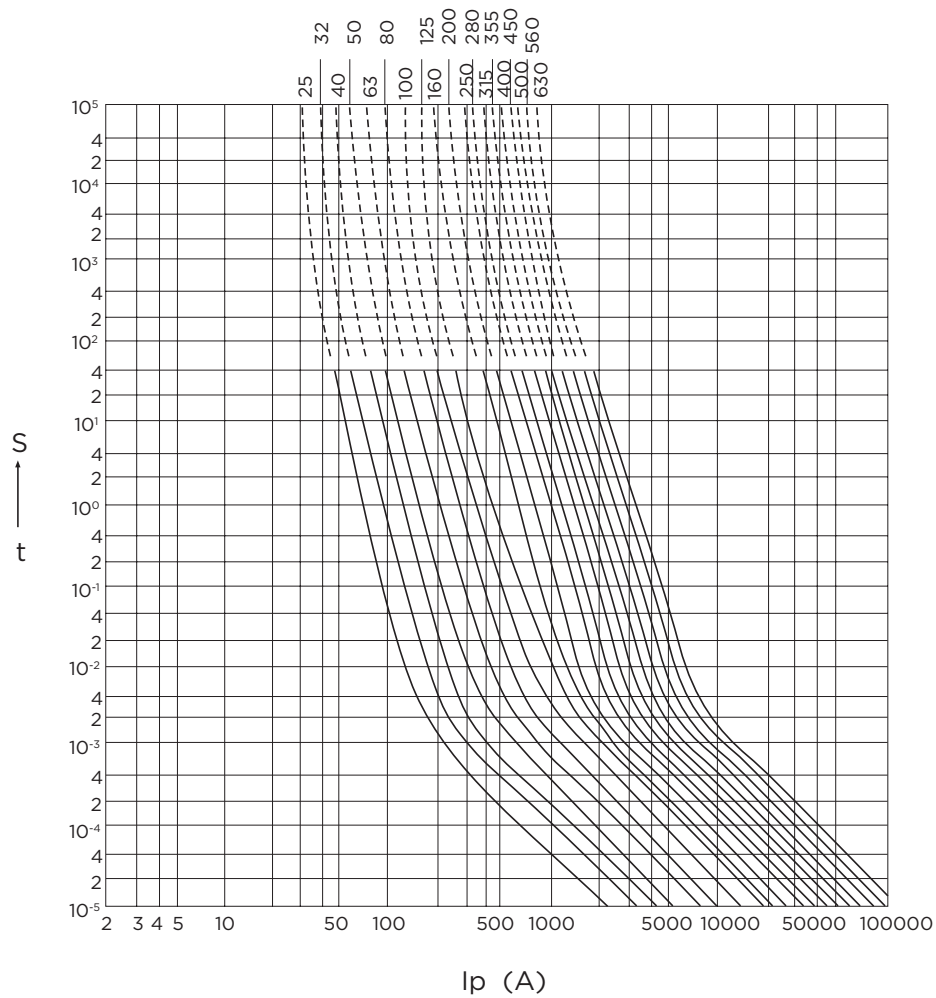
A 150 B 60 C 33 D 67 E 67 F 68 G 14 H 10



FUSE LINK TECHNICAL DATA

Class: **aR**

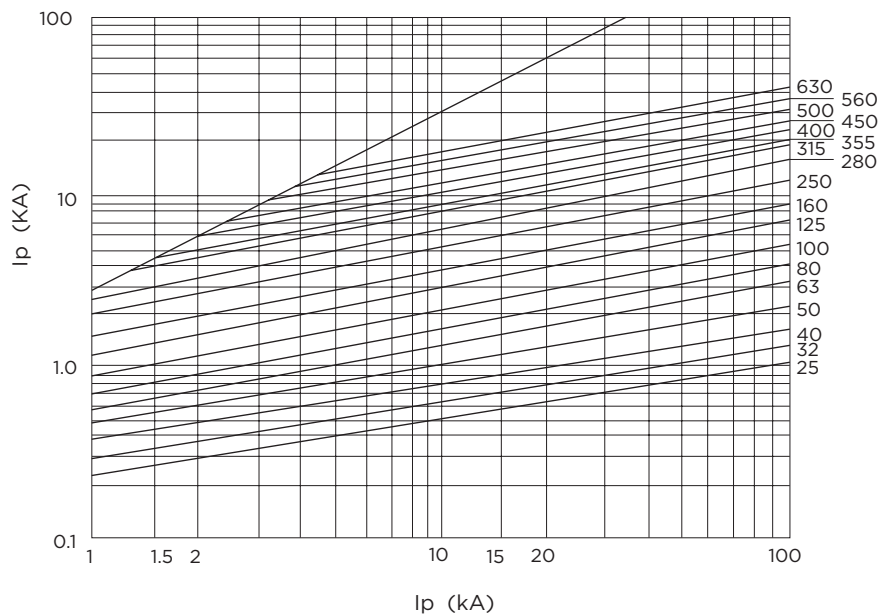
T-I Characteristics



FUSE LINK TECHNICAL DATA

Class: **aR**

T-I Characteristics



FUSE LINK PROTECTION D TYPE BOTTLE

Rated Voltage: 500V AC

Rated breaking capacity: 50kA

Standard specifications: IEC 60269-3-1 EN60269-3-1

Dimensions: DIN 49515

Class: **gG/gL**

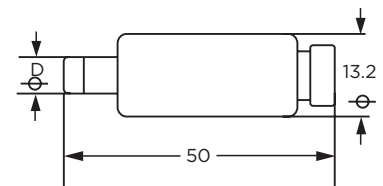
Fuse Link Protection (DIZD) Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	DI E16 gG/gL		
	DI2	2-361503-7	0
	DI4	2-361503-8	0
	DI6	2-361503-9	0
	DI10	3-361503-0	0
	DI16	3-361503-1	0
	DI20	3-361503-2	0
	DI25	3-361503-3	0

Rated Current **A** 2 4 6 10 16 20 25

Dimension (mm) **D** 6 6 6 8 10 12 14



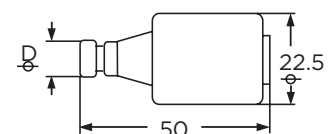
Fuse Link Protection (DIZD) Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	DII E27 gG/gL		
	DII2	3-361503-4	0
	DII4	3-361503-5	0
	DII6	3-361503-6	0
	DII10	3-361503-7	0
	DII16	3-361503-8	0
	DII20	3-361503-9	0
	DII25	4-361503-0	0

Rated Current **A** 2 4 6 10 16 20 25

Dimension (mm) **D** 6 6 6 8 10 12 14



DIZD PROTECTION

FUSE LINK PROTECTION D TYPE BOTTLE

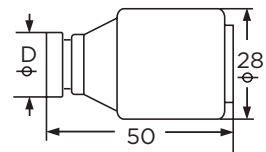
Rated Voltage: 500V AC
 Rated breaking capacity: 50kA
 Standard specifications: IEC 60269-3-1 EN60269-3-1
 Dimensions: DIN 49515
 Class: **gG/gL**

Fuse Link Protection (DIZD) Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	DIII E33 gG/gL		
	DIII35	9-361503-3	0
	DIII50	4-361503-1	0
	DIII63	4-361503-2	0

Rated Current **A** 35 50 63
Dimension (mm) **D** 16 18 20

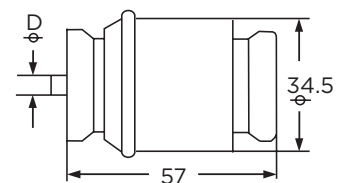


Fuse Protection (DIZD) Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	Size DIV gG/gL		
	DIV80	4-361503-3	0
	DIV100	4-361503-4	0

Rated Current **A** 80 100
Dimension (mm) **D** 5 7

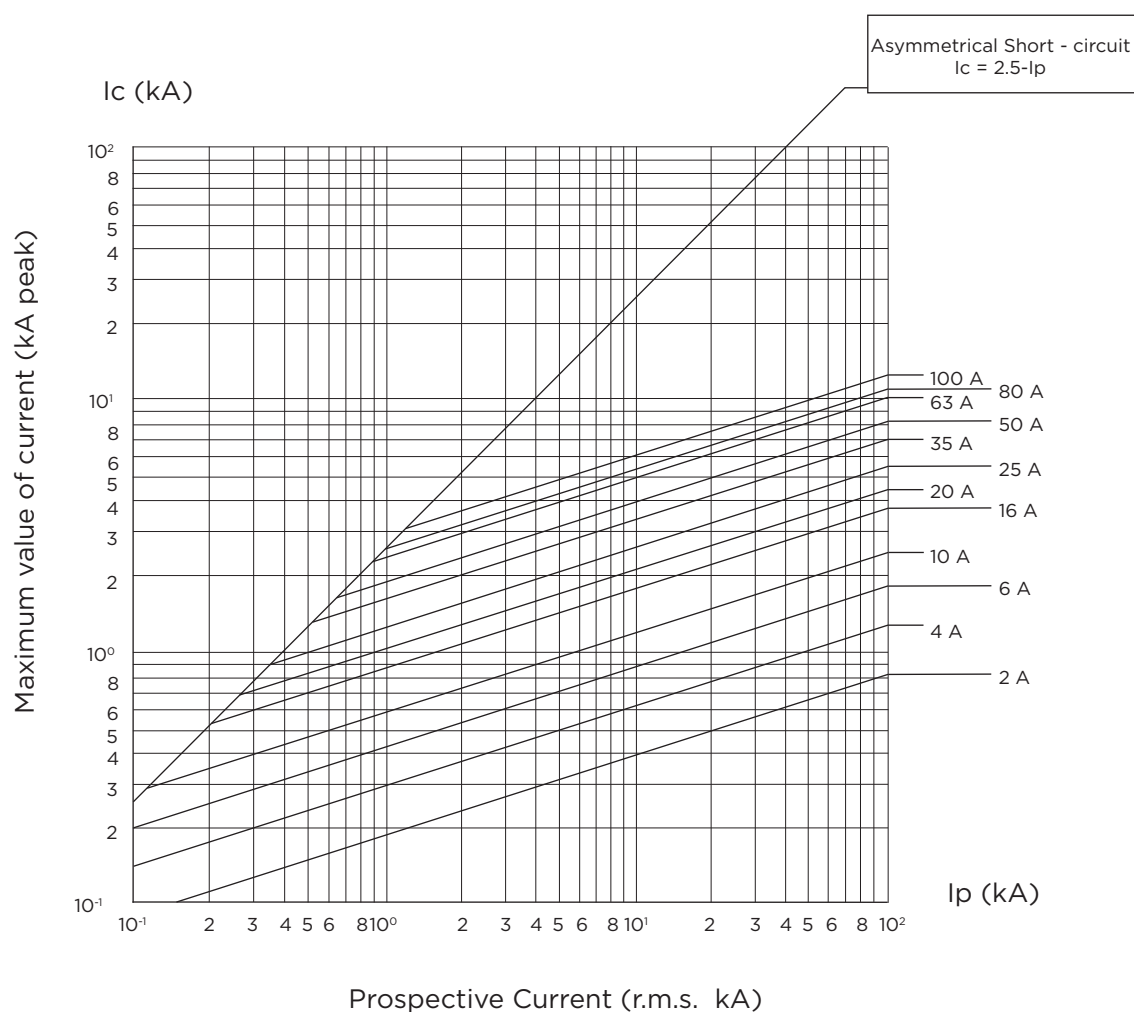


FUSE LINK TECHNICAL DATA

Class: **gG/gL**

Cut Off Characteristics

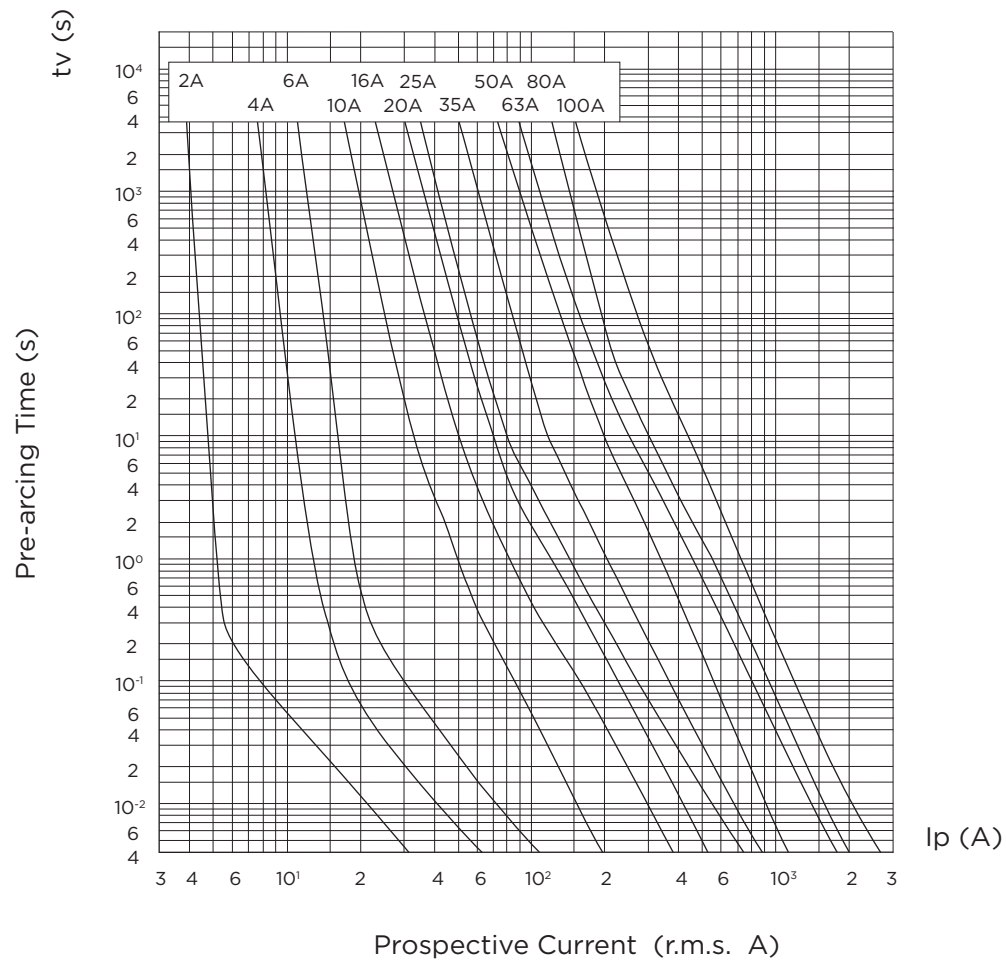
gG/gL



FUSE LINK TECHNICAL DATA

Class: **gG/gL**

T-I Characteristics



DIZD PROTECTION - SILZD FUSE LINK QUICK RESPONSE

FUSE LINK

Rated Voltage: up to 500V AC

Rated breaking capacity: 50kA

Standard specifications: IEC 60269-4-1 EN60269-4-1

Class: **aR/gR**

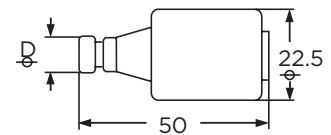
Fuse Link SILZD Bottle

aR/gR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	DIIF		
	DIIF2	4-361503-5	0
	DIIF4	4-361503-6	0
	DIIF6	4-361503-7	0
	DIIF10	4-361503-8	0
	DIIF16	4-361503-9	0
	DIIF20	5-361503-0	0
	DIIF25	5-361503-1	0
	DIIF30	5-361503-2	0

Rated Current **A** 2 4 6 10 16 20 25

Dimension (mm) **D** 6 6 6 8 10 12 14



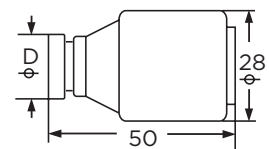
Fuse Link SILZD Bottle

aR/gR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	DIIF		
	DIIF35	5-361503-3	0
	DIIF40	5-361503-4	0
	DIIF50	5-361503-5	0
	DIIF63	5-361503-6	0

Rated Current **A** 35 50 63

Dimension (mm) **D** 16 18 20



DIZD PROTECTION - SILZD FUSE LINK QUICK RESPONSE

FUSE LINK

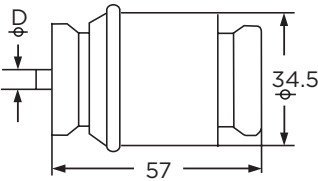
Rated Voltage: up to 1000V AC
Rated breaking capacity: 100kA
Standard specifications: IEC 60269-4-1 EN60269-4-1
Class: **aR**

Fuse Link SILZD Bottle

aR

	DESCRIPTION	CAT NO.	PACK SIZE
Type	DIVF		
	DIVF80	5-361503-7	0
	DIVF100	5-361503-8	0

Rated Current	A	80	100
Dimension (mm)	D	5	7



FUSE LINK D0 TYPE BOTTLE

Rated Voltage: 380V/400V AC

Rated breaking capacity: 50kA

Standard specifications: IEC 60269-3-1 EN60269-3-1

Class: **gG/gL**

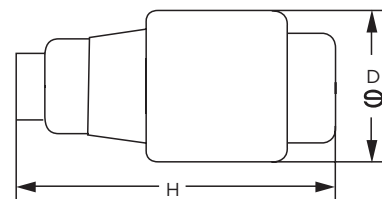
Fuse Link Protection D0 Type Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	D01		
	D012	5-361503-9	0
	D014	6-361503-0	0
	D016	6-361503-1	0
	D0110	6-361503-2	0
	D0116	6-361503-3	0

Dimensions (mm)

D 11 **H** 36



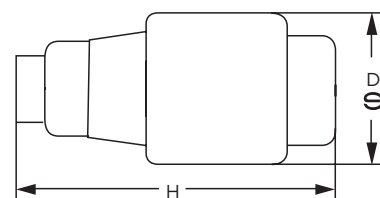
Fuse Link Protection D0 Type Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	D02		
	D0220	6-361503-4	0
	D0225	6-361503-5	0
	D0235	6-361503-6	0
	D0240	6-361503-7	0
	D0250	6-361503-8	0
	D0263	6-361503-9	0

Dimensions (mm)

D 15 **H** 36



FUSE LINK DO TYPE BOTTLE

Rated Voltage: 380V/400V AC

Rated breaking capacity: 50kA

Standard specifications: IEC 60269-3-1 EN60269-3-1

Class: **gG/gL**

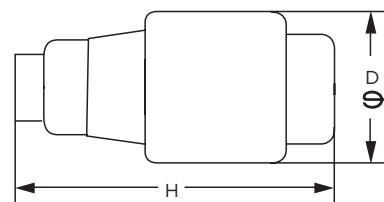
Fuse Link Protection DO Type Bottle

gG/gL

	DESCRIPTION	CAT NO.	PACK SIZE
Type	D03		
	D0380	7-361503-0	0
	D03100	7-361503-1	0

Dimensions (mm)

D 22 **H** 43

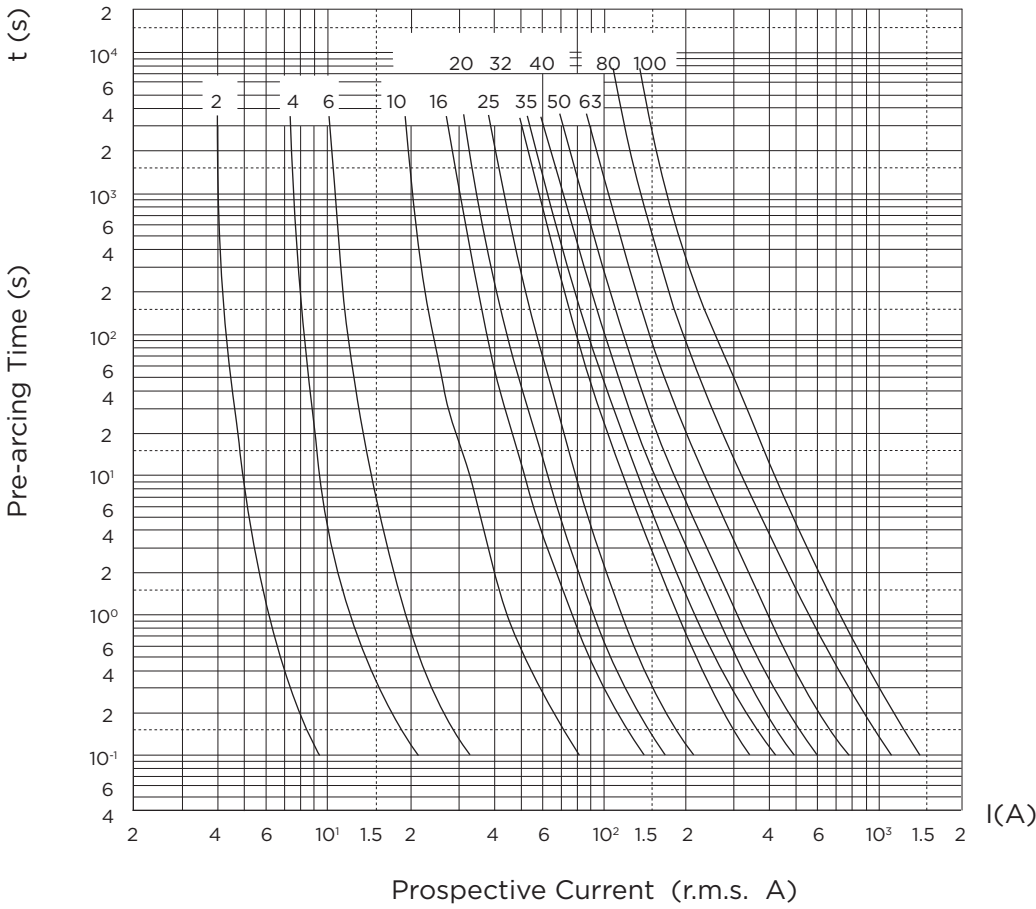


NEZD FUSE LINK TECHNICAL DATA

Class: **gG/gL**

T-I Characteristics

gG/gL



HRC FUSE LINK PROTECTION 12KV

Current Limiting 12kV Fuse Links for use in Oil Switchgear

Rated Voltage: 12kV

Rated Breaking Capacity: 40kA

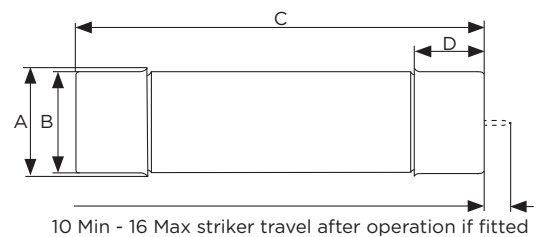
Standard specifications: IEC 282-1 BS 2692-1 ESI 12-8

Fuse Link Protection 12kV (254x63.5mm)

	DESCRIPTION	CAT NO.	PACK SIZE
Type	120EFMA (254x63.5mm)		
	120EFMA6.3	7-361503-2	0
	120EFMA10	7-361503-3	0
	120EFMA16	7-361503-4	0
	120EFMA20	7-361503-5	0
	120EFMA31.5	7-361503-6	0
	120EFMA35.5	7-361503-7	0
	120EFMA40	7-361503-8	0
	120EFMA50	7-361503-9	0
	120EFMA56	8-361503-0	0
	120EFMA63	8-361503-1	0

Dimensions (mm)

A 68 **B** 63.5 **C** 254 **D** 44

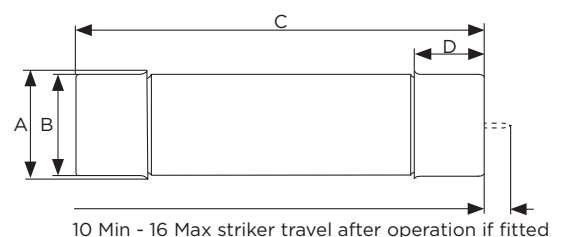


Fuse Link Protection 12kV (254x63.5mm)

	DESCRIPTION	CAT NO.	PACK SIZE
Type	12OHFMA (254x63.5mm)		
	12OHFMA71	8-361503-2	0
	12OHFMA80	8-361503-3	0
	12OHFMA90	8-361503-4	0

Dimensions (mm)

A 68 **B** 63.5 **C** 359 **D** 44

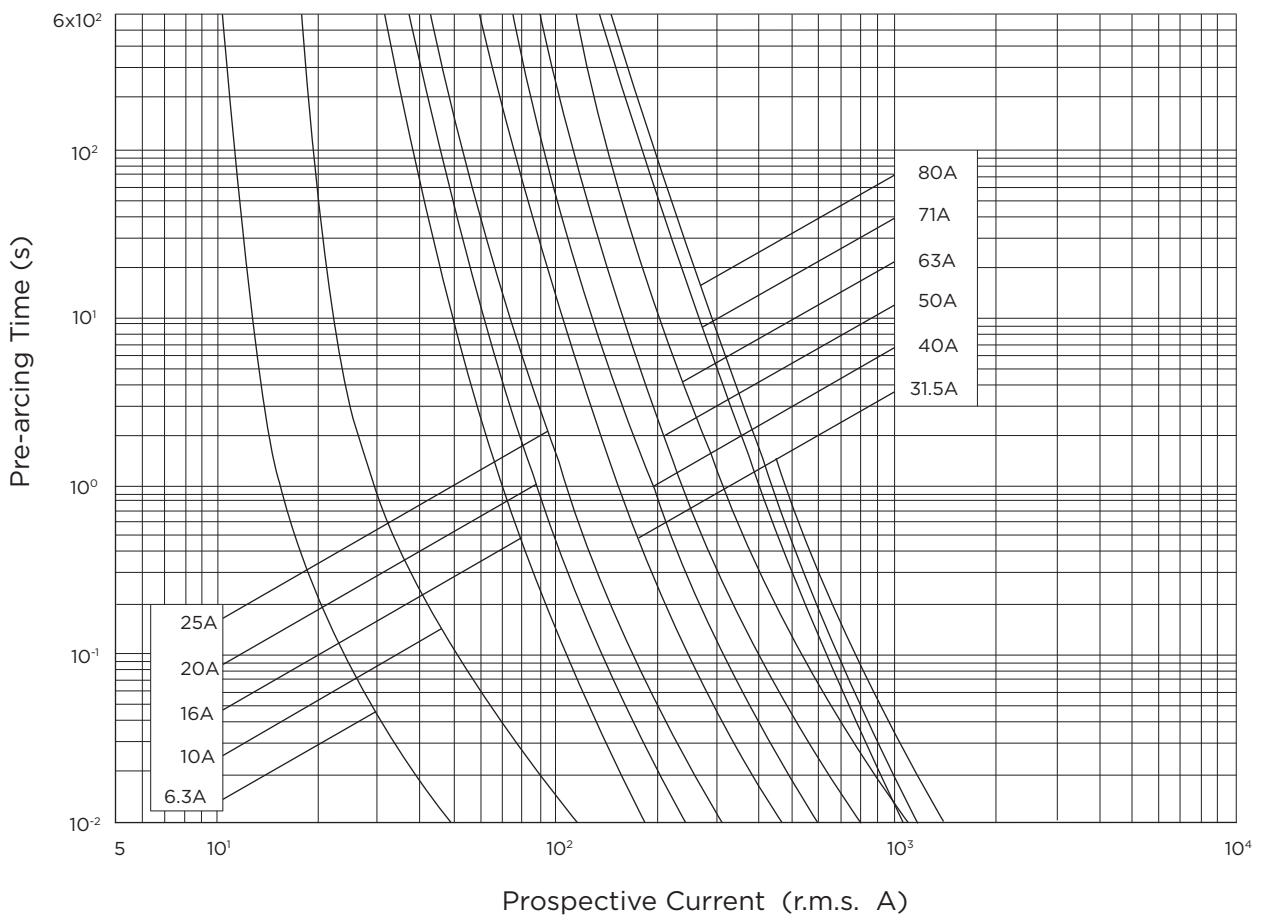


FUSE LINK

Class: **gG/gL**

Technical Data

Curves Relate to Mean Pre-arcing time with tolerance $\pm 10\%$ on Current



ABOUT TYCO ELECTRONICS

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, specialty products and undersea telecommunication systems, with fiscal 2009 sales of US\$10.3 billion to customers in more than 150 countries. We design, manufacture and market products for customers in a broad array of industries including automotive; data communication systems and consumer electronics; telecommunications; aerospace, defense and marine; medical; energy; and lighting. With approximately 7,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage. More information on Tyco Electronics can be found at <http://www.tycoelectronics.com/>.

Energy Division – innovative and economical solutions for the electrical power industry: cable accessories, connectors & fittings, insulators & insulation, surge arresters, switching equipment, lighting controls, power measurement and control.

While Tyco Electronics and its affiliates referenced herein have made every reasonable effort to ensure the accuracy of the information contained in this catalog, Tyco Electronics cannot assure that this information is error free. For this reason, Tyco Electronics does not make any representation or offer any guarantee that such information is accurate, correct, reliable or current. Tyco Electronics reserves the right to make any adjustments to the information at any time. Tyco Electronics expressly disclaims any implied warranty regarding the information contained herein, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics' only obligations are those stated in Tyco Electronics' Standard Terms and Conditions of Sale. Tyco Electronics will in no case be liable for any incidental, indirect or consequential damages arising from or in connection with, including, but not limited to, the sale, resale, use or misuse of its products. Users should rely on their own judgement to evaluate the suitability of a product for a certain purpose and test each product for its intended application. In case of any potential ambiguities or questions, please don't hesitate to contact us for clarification. Raychem, Raysulate, SMOUV, TE (logo) and Tyco Electronics are trademarks of the Tyco Electronics group of companies and its licensors.

Tyco Electronics
Energy Division
57 Mahunga Drive
Auckland, New Zealand

Phone: +64 9 634 4580
Fax: +64 9 634 4586

<http://energy.tycoelectronics.com>



Tyco Electronics
Our commitment. Your advantage.