

V



V - Fuses

Fuses for Battery Powered Forklifts and Industrial Vehicles



Voltage Ratings - 36V_{DC} and 80V_{DC}

Rated Breaking Capacity - $6 \times I_n, 0 = 3ms @ 48V_{DC}$

Current Ratings;

36V_{DC}/80V_{DC} - 25A - 150A

80V_{DC} - 20A - 500A

Standards;

For 80V_{DC} Fuses - DIN 43560 Part 1

For 36V_{DC}/80V Fuses - DIN 72581-2

Specifications:

Load Current Opening Time

80V Fuses

150%	> 1 h
180%	< 1h
250%	0.8s - 10s
400%	0.2s - 2s

24V Fuses

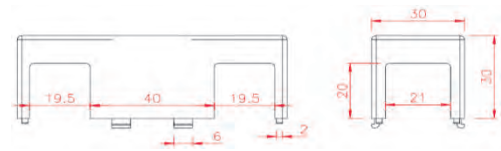
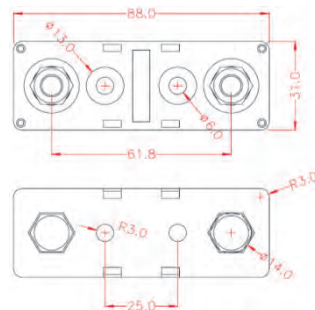
130%	$\geq 1h$
250%	$\leq 1m$

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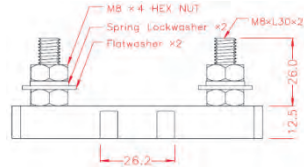


V Rated Voltage [Un] 80V_{DC} Fuses for Battery Powered Forklifts and Industrial Vehicles Standard(s) DIN 43560 -part 1
 Size - Form A - Open Frame, Frame B - Enclosed Form

Rated Current I _n [A]	Form A	Form B	Rated Breaking Capacity 6 X I _n @ 48V _{DC} , = 3ms	Weight [kg / 100]		Power Loss [W]	Cold Resistance [mΩ]	
	Article Number	Article Number		90 030 05	90 058 05			
20	9003005.20	9005805.20		0.4	2.0	1.3	3.00	
25	9003005.25	9005805.25		0.4	2.0	1.4	1.75	
35	9003005.35	9005805.35		0.4	2.0	2.2	1.50	
40	9003005.40	9005805.40		0.4	2.0	1.8	0.96	
50	9003005.50	9005805.50		0.4	2.0	3.1	0.96	
63	9003005.63	9005805.63		0.4	2.0	3.6	0.71	
70	9003005.70	9005805.70		0.4	2.0	3.5	0.57	
80	9003005.80	9005805.80		9003005	0.4	2.0	5.0	0.57
100	9003005.100	9005805.100			0.4	2.0	6.0	0.45
125	9003005.125	9005805.125			0.4	2.0	6.7	0.37
135	9003005.135	9005805.135		0.4	2.0	8.0	0.37	
150	9003005.150	9005805.150		0.4	2.0	7.4	0.24	
160	9003005.160	9005805.160		0.4	2.0	9.2	0.24	
175	9003005.175	9005805.175		0.4	2.0	11	0.24	
180	9003005.180	9005805.180		0.4	2.0	12	0.24	
200	9003005.200	9005805.200		0.4	2.0	11	0.17	
225	9003005.225	9005805.225		0.4	2.0	14	0.15	
250	9003005.250	9005805.250		0.4	2.0	14	0.14	
275	9003005.275	9005805.275		0.4	2.0	16	0.14	
300	9003005.300	9005805.300		0.4	2.0	18	0.13	
315	9003005.315	9005805.315		9005805	0.4	2.0	19	0.13
325	9003005.325	9005805.325			0.4	2.0	17	0.1
350	9003005.350	9005805.350			0.4	2.0	25	0.1
355	9003005.355	9005805.355		0.4	2.0	26	0.1	
375	9003005.375	9005805.375		0.4	2.0	37	0.07	
400	9003005.400	9005805.400		0.4	3.0	39	0.07	
425	9003005.425	9005805.425		0.4	3.0	41	0.07	
500	9003005.500	9005805.500		0.4	3.0	R	0.06	
Units per Package								
	100	20						



Cover Article No. - 9103001-C



Fuse Base Article No - 9103001-B

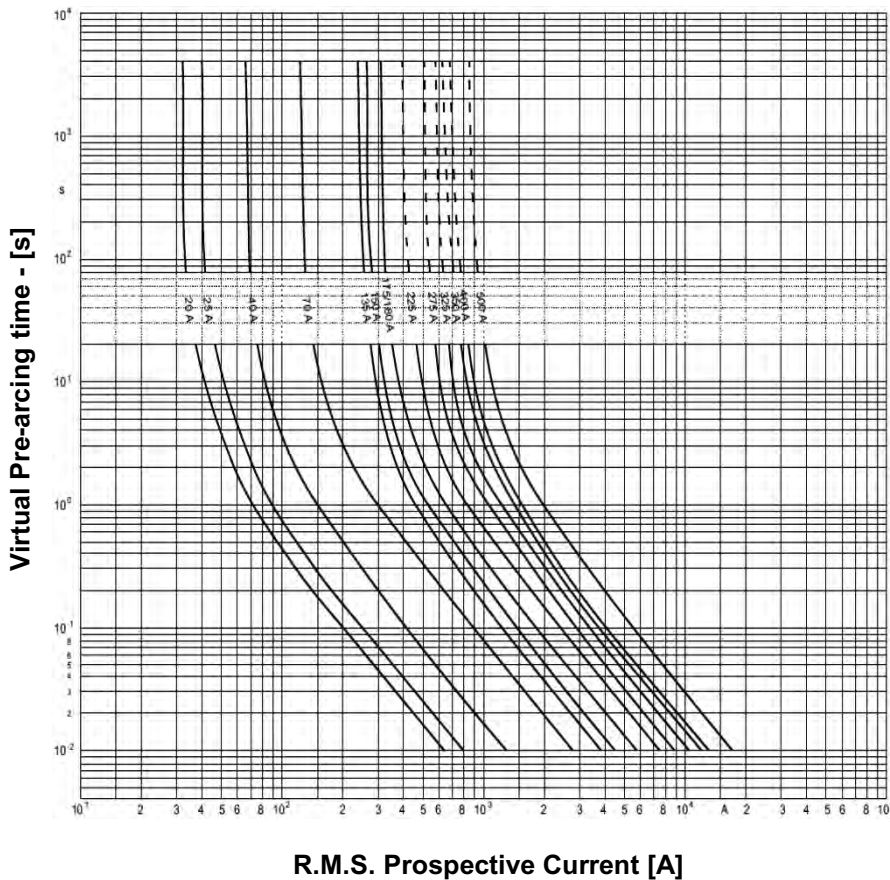
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Size - Form A - Open Frame, Frame B - Enclosed Form			

Time-Current Characteristics

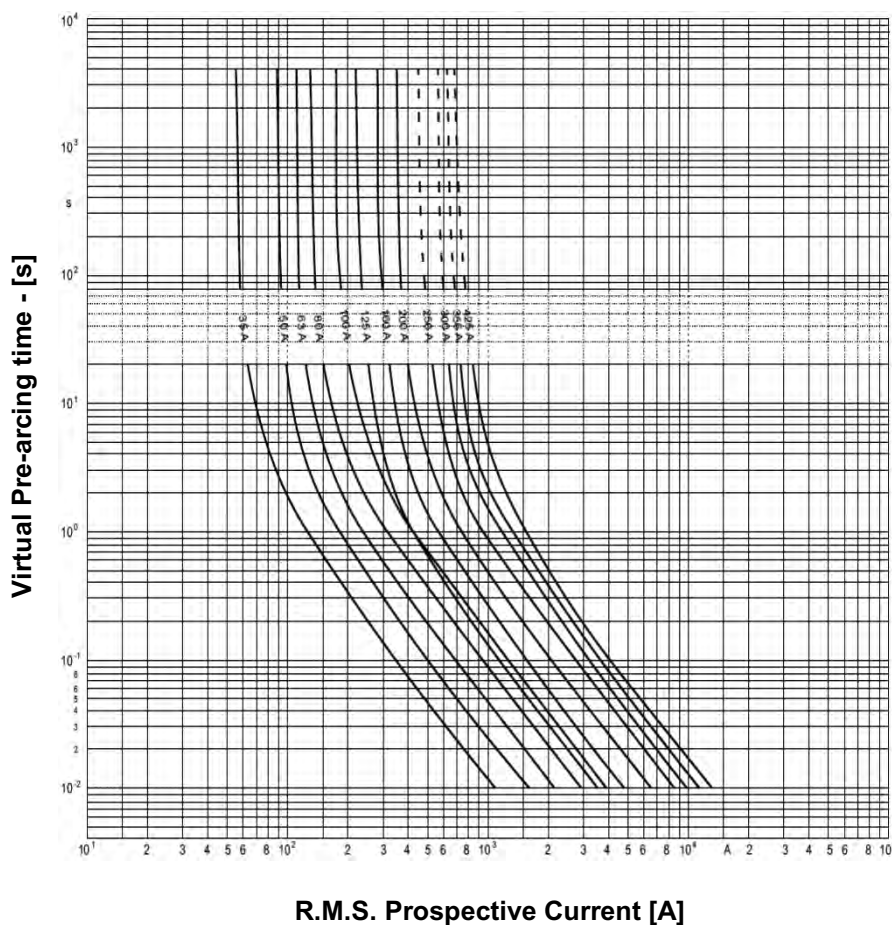


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Time-Current Characteristics



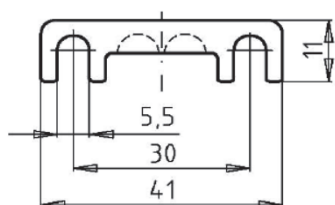
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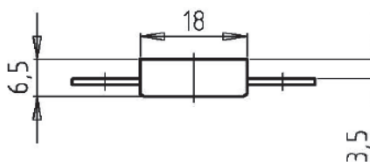
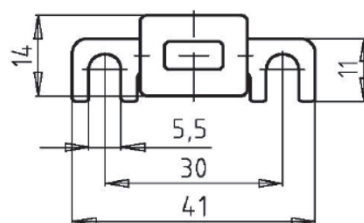


V **Rated Voltage** **Fuses for Battery Powered** **Standard(s)**
[Un] **Forklifts** **DIN 72581-2**
36V_{DC} **and**
Industrial Vehicles
Size - Form A - Open Frame, Frame B - Enclosed Form

Rated Current I_n [A]	Form A	Form B	Weight [kg / 100]		Power Loss [W]	Cold Resistance [mΩ]
	Article Number	Article Number	90 054 09	90 059 09		
25	9005409.25	9005909.25	0.025	0.39	1.3	3.00
30	9005409.30	9005909.30	0.025	0.39	1.4	1.75
35	9005409.35	9005909.35	0.025	0.39	2.2	1.50
40	9005409.40	9005909.40	0.025	0.39	1.8	0.96
50	9005409.50	9005909.50	0.05	0.39	3.1	0.96
63	9005409.63	9005909.63	0.05	0.39	3.6	0.71
80	9005409.80	9005909.80	0.11	0.39	3.5	0.57
100	9005409.100	9005909.100	0.4	0.39	5.0	0.57
125	9005409.125	9005909.125	0.4	0.49	6.0	0.45
150	9005409.150	9005909.150	0.4	0.49	6.7	0.37
Units per Package						
100		40				



9005409



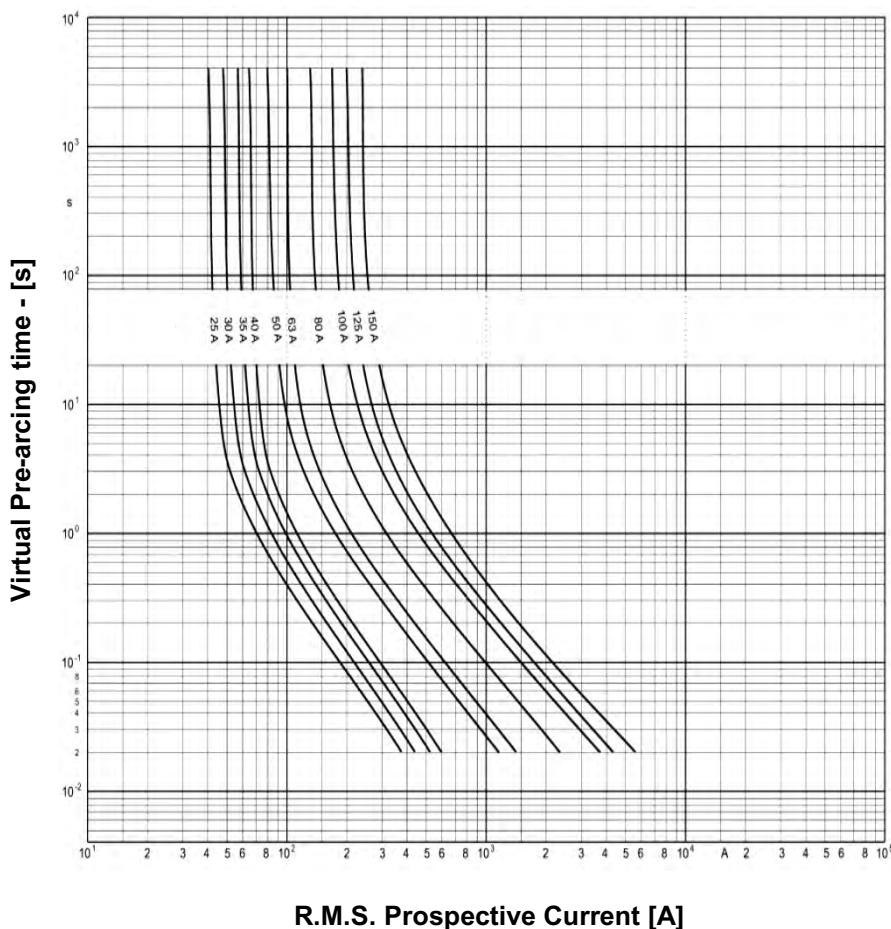
9005909

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V Rated Voltage [Un] 36V_{DC} Fuses for Battery Powered Forklifts and Industrial Vehicles Standard(s) DIN 72581-2
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Time-Current Characteristics



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