

V - Fuses

Fuses for Battery Applications, Powered Forklifts and Industrial Vehicles



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

Current Ratings; $36V_{DC}$ - 25A - 150A

$80V_{DC}$ - 20A - 500A

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

Standards; DIN 43560 - part 1

DIN 72581- 2

V	Rated Voltage [Un] 80V _{DC}	Rated Breaking Capacity 6 x I _n , τ = 3ms @ 48V _{DC}	Standard(s) DIN 43560-part 1
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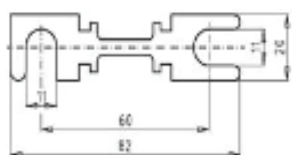
Size - Form A - Open Frame, Form B - Enclosed Form

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

Units per Package

100

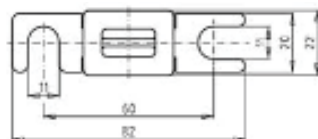
20



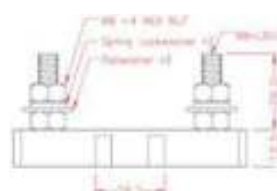
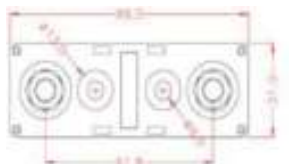
9003005



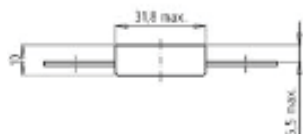
Cover Article No. - 9903001-C



9005805



Fuse base Article No - 9903001-B



SIBA LLC

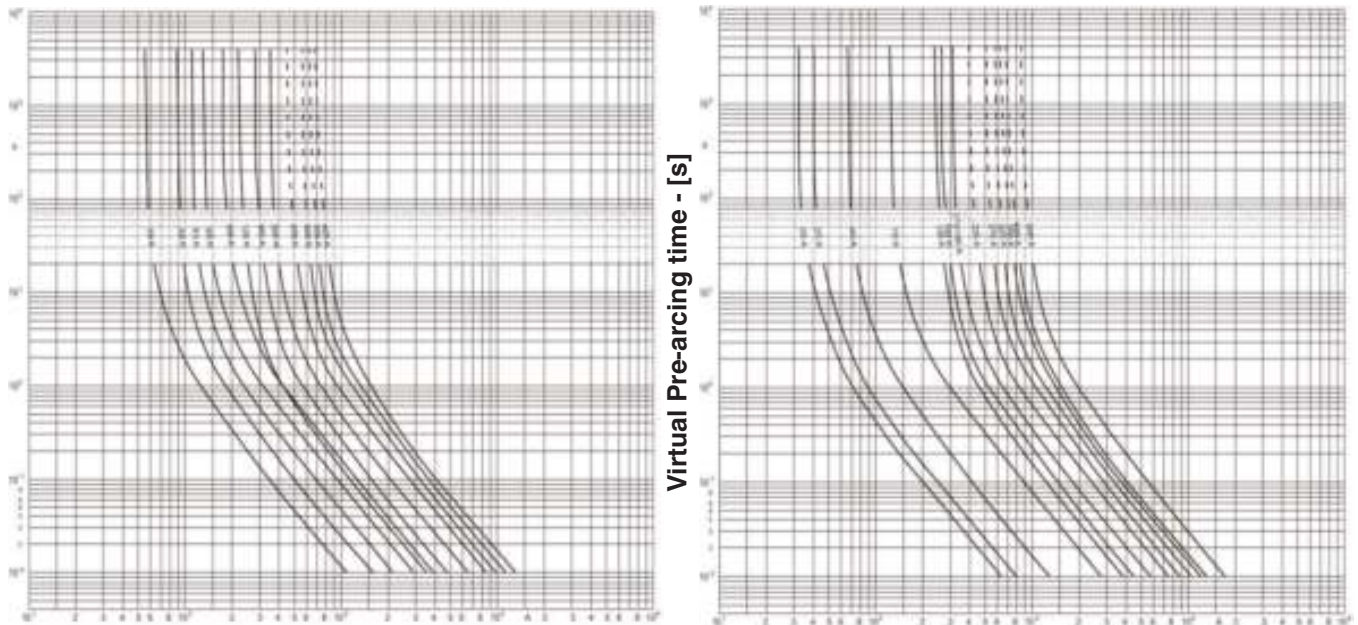
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V	Rated Voltage [Un] 80V _{DC}	Rated Breaking Capacity	Standard(s) DIN 43560-part 1
Size - Form A - Open Frame, Frame B - Enclosed Form			

Time-Current Characteristics

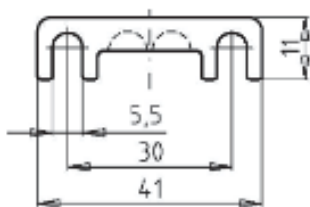


R.M.S. Prospective Current [A]

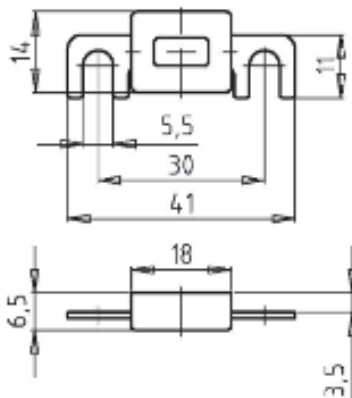
V	Rated Voltage [Un] 36V _{DC} 80V _{DC}	Rated Breaking Capacity	Standard(s) DIN 72581-part 2
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Size - Form A - Open Frame, Frame B - Enclosed Form

Rated Current I_n [A]	Form A 36V _{DC} Article Number	Form B 80V _{DC} Article Number	Weight [kg / 100]		Cold Resistance [mΩ]	Power Loss [W]
25	9005409.25	9005909.25	9005409	9005909	1.75	1.4
30	9005409.30	9005909.30	0.025	0.39	1.62	1.9
35	9005409.35	9005909.35	0.025	0.39	1.50	2.2
40	9005409.40	9005909.40	0.025	0.39	0.96	1.8
50	9005409.50	9005909.50	0.05	0.39	0.96	3.1
63	9005409.63	9005909.63	0.05	0.39	0.71	3.6
80	9005409.80	9005909.80	0.11	0.39	0.57	5
100	9005409.100	9005909.100	0.4	0.39	0.45	6.0
125	9005409.125	9005909.125	0.4	0.49	0.37	6.7
150	9005409.150	9005909.150	0.4	0.49	0.24	7.4
Units per Package						
100			40			

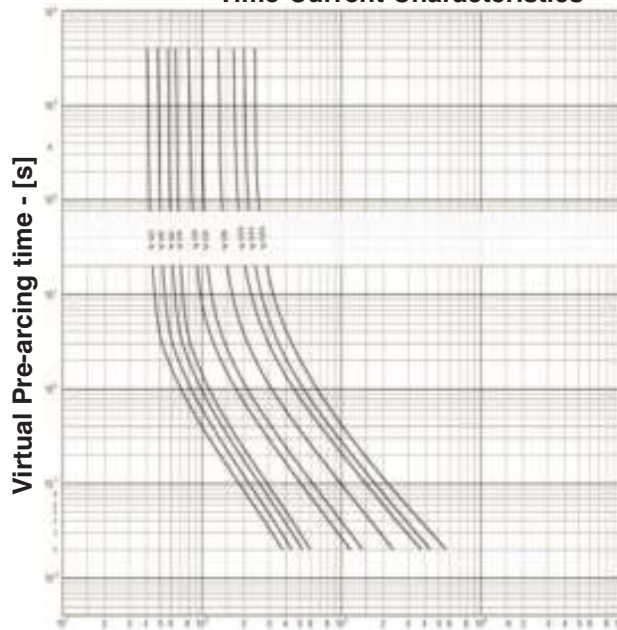


9005409



9005909

Time-Current Characteristics



R.M.S. Prospective Current [A]