

V - Fuses

Fuses for Battery Powered Forklifts and Industrial Vehicles



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

Rated Breaking Capacity - 6xI_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% $\leq 1m$



V Rated Voltage Fuses for Battery Powered Standard(s)

[Un] Forklifts DIN 43560 -part 1

80V_{DC} and

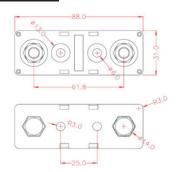
Industrial Vehicles

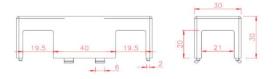
Size - Form A - Open Frame, Frame B - Enclosed Form

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Rated Current	Form A	Form B	Rated Breaking Capacity	Weight [kg / 100]		Power Loss	Cold Resistance
I _n [A]	Article Number	Article Number	$6 \text{ X I}_{\text{n}} @ 48 \text{V}_{\text{DC}}, = 3 \text{ms}$	90 030 05	90 058 05	[W]	[mΩ]
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	82	0.4	2.0	3.5	0.57
80	9003005.80	9005805.80	02	0.4	2.0	5.0	0.57
100	9003005.100	9005805.100	9003005	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	_11_	0.4	2.0	14	0.15
250	9003005.250	9005805.250	60 82	0.4	2.0	14	0.14
275	9003005.275	9005805.275	-	0.4	2.0	16	0.14
300	9003005.300	9005805.300	31,8 max.	0.4	2.0	18	0.13
315	9003005.315	9005805.315		0.4	2.0	19	0.13
325	9003005.325	9005805.325	×	0.4	2.0	17	0.1
350	9003005.350	9005805.350	5,5 max	0.4	2.0	25	0.1
355	9003005.355	9005805.355	st	0.4	2.0	26	0.1
375	9003005.375	9005805.375	9005805	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



100





Cover Article No. - 9103001-C

Fuse Base Article No - 9103001-B

Units per Package

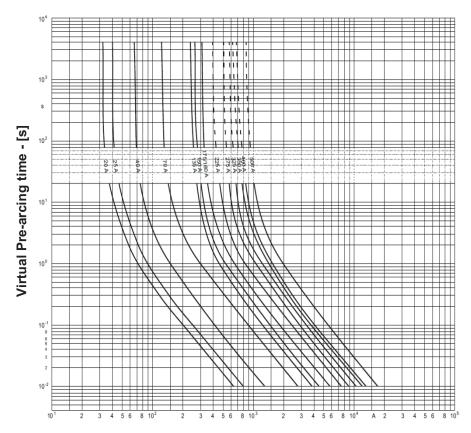
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Forklifts

Time-Current Characteristics



R.M.S. Prospective Current [A]

Fax



V Rated Voltage Fuses for Battery Powered Standard(s)

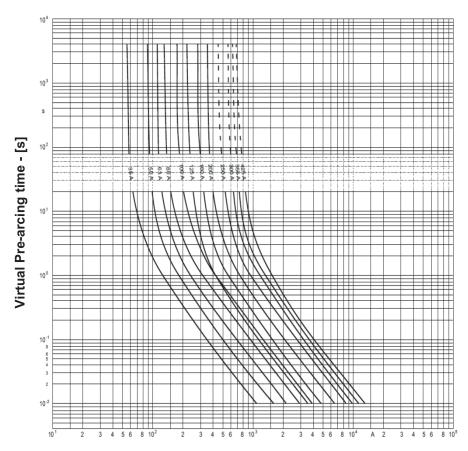
[Un] Forklifts DIN 43560 -part 1

80V_{DC} and

Industrial Vehicles

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

Time-Current Characteristics



R.M.S. Prospective Current [A]

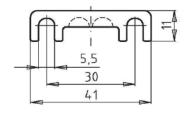




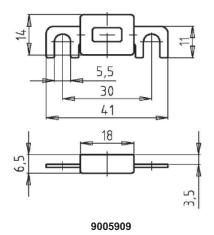
V	Rated Voltage	Fuses for Battery Powered	Standard(s)
	[Un]	Forklifts	DIN 72581-2
	36V _{DC}	and	
	80V _{DC}	Industrial Vehicles	

Size -	Form A - Open	Frame, Frame	B - Enclosed Form				
Rated						Power	Cold
Current	Form A	Form B		Weight [kg / 100]		Loss	Resistance
I _n	36V _{DC}	80V _{DC}				[W]	
[A]	Article Number	Article Number		90 054 09	90 059 09		[mΩ]
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

150 9005409.150 9005909.150 Units per Package 100 40



9005409



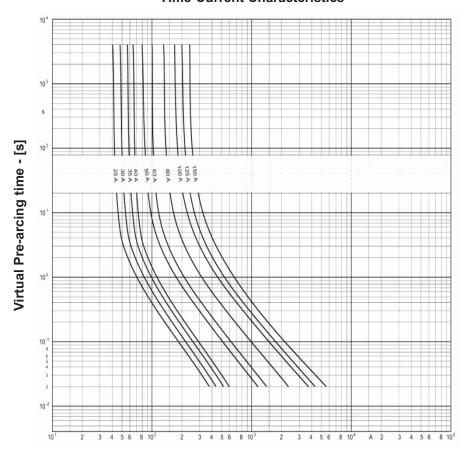
Fax



Fuses for Battery Powered Forklifts Rated Voltage

Standard(s) DIN 72581-2

Time-Current Characteristics



R.M.S. Prospective Current [A]

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