CV Settings for loco: C3008 (ID: 0008)

CV No.	CV Name	Value	Result String
1	Primary address	008	99 20 1 8 126
2	Start voltage	001	99 20 2 1 116
3	Acceleration rate	040	99 20 3 40 92
4	Deceleration rate	100	99 20 4 100 23
5	Maximum loco speed	001	99 20 5 1 115
6	Mid speed voltage level	001	99 20 6 1 112
7	Decoder chip version	037	ZIMO MX decoder
8	Manufacturer ID	145	Zimo Elektronik
9	Motor control algorithm	072	99 20 9 72 54
10	Compensation cut-off	000	99 20 10 0 125
13	Analogue functions F1-F8	001	99 20 13 1 123
14	Analogue functions F0	211	99 20 14 211 170
17	Extended address (high byte)	192	99 20 17 192 166
18	Extended address (low byte)	100	99 20 18 100 1
19	Consist address	000	99 20 19 0 100
21	Consist function F1 to F8	000	99 20 21 0 98
22	Consist function F0	000	99 20 22 0 97
23	Acceleration variation	000	99 20 23 0 96
24	Decelration variation	000	99 20 24 0 111
27	Asym. stop	000	99 20 27 0 108
28	RailCom configuration	003	99 20 28 3 104
29	Configuration data	000	99 20 29 0 106
33	NMRA function map F0	001	99 20 33 1 87
34	NMRA function map F0	002	99 20 34 2 87
35	Function map F1	000	99 20 35 0 84
36	Function map F2	000	99 20 36 0 83
37	Function map F3	000	99 20 37 0 82
38	Function map F4	000	99 20 38 0 81
39	Function map F5	000	99 20 39 0 80
40	Function map F6	000	99 20 40 0 95
41	Function map F7	000	99 20 41 0 94
42	Function map F8	004	99 20 42 4 89
43	Function map F9	000	99 20 43 0 92
44	Function map F10	000	99 20 44 0 91
45	Function map F11	000	99 20 45 0 90
46	Function map F12	000	99 20 46 0 89
49	HLU acceleration	000	99 20 49 0 70
50	HLU deceleration	000	99 20 50 0 69
51	HLU limits	020	99 20 51 20 80
52	HLU limits	040	99 20 52 40 107
53	HLU limits	070	99 20 53 70 4
54	HLU limits	110	99 20 54 110 47
55	HLU limits	180	99 20 55 180 244
56	BEF parameter	055	99 20 56 55 120
57	Voltage reference	150	99 20 57 150 216
58	Back EMF intensity	220	99 20 58 220 145
59	HLU reaction time	005	99 20 59 5 73
60	Diming	000	99 20 60 0 75
61	ZIMO mapping	097	99 20 61 97 43
62	Light effects mod.	000	99 20 62 0 73
63	Light effects mod.	062	99 20 63 62 118
64	Light effects mod.	000	99 20 64 0 55
65	SW subversion	041	99 20 65 41 31
66	Trim value forward	000	99 20 66 0 53
67	Speed table	004	99 20 67 4 48
68	Speed table	007	99 20 68 7 52
69	Speed table	010	99 20 69 10 56
70	Speed table	013	99 20 70 13 60
71	Speed table	016	99 20 71 16 32
72	Speed table	020	99 20 72 20 43
73	Speed table	024	99 20 73 24 38
74	Speed table	028	99 20 74 28 33
75	Speed table	032	99 20 75 32 28
76	Speed table	036	99 20 76 36 31
77	Speed table	042	99 20 77 42 16
78	Speed table	048	99 20 78 48 9
79	Speed table	054	99 20 79 54 14
80	Speed table	060	99 20 80 60 27
81	Speed table	068	99 20 81 68 98
82	Speed table	076	99 20 82 76 105
83	Speed table	084	99 20 83 84 112

84	Speed table	092	99 20 84 92 127
85	Speed table	102	99 20 85 102 68
86	Speed table	112	99 20 86 112 81
87	Speed table	124	99 20 87 124 92
88	Speed table	136	99 20 88 136 167
89	Speed table	152	99 20 89 152 182
90	Speed table	168	99 20 90 168 133
91	Speed table	188	99 20 91 188 144
92	Speed table	208	99 20 92 208 251
93	Speed table	230	99 20 93 230 204
94	Speed table	252	99 20 94 252 213
95	Trim value reverse	000	99 20 95 0 40
105	User data	019	99 20 105 19 13
106	User data	094	99 20 106 94 67
112	ZIMO configuration data	000	99 20 112 0 7
113	Back EMF reduction	000	99 20 113 0 6
114	Dim mask 1	000	99 20 114 0 5
115	Coupler control	000	99 20 115 0 4
116	Automatic coupling	000	99 20 116 0 3
117	Flasher	000	99 20 117 0 2
118	Flasher mask	000	99 20 118 0 1
119	F6 low beam mask	000	99 20 119 0 0
120	F7 low beam mask	000	99 20 120 0 15
121	Exponential acceleration	000	99 20 121 0 14
122	Exponential deceleration	000	99 20 122 0 13
123	Adaptive acceleration/deceleratin	000	99 20 123 0 12
124	Shunting key 1	000	99 20 124 0 11
125	Effects F0 front	088	99 20 125 88 82
126	Effects F0 rear	088	99 20 126 88 81
127	Effects F1	088	99 20 127 88 80
128	Effects F2	060	99 20 128 60 203
129	Effects F3	000	99 20 129 0 246
130	Effects F4	000	99 20 130 0 245
131	Effects F5	000	99 20 131 0 244
132	Effects F6	000	99 20 132 0 243
134	Assymetric stops	106	99 20 134 106 155
135	Km/h control	000	99 20 135 0 240
136	Km/h control	024	99 20 136 24 231
137	Smoke generator	000	99 20 137 0 254
138	Smoke generator	000	99 20 138 0 253
139	Smoke generator	000	99 20 139 0 252
140	Distance controlled stop	000	99 20 140 0 251
141	Distance controlled stop	020	99 20 141 20 238
142	Distance controlled stop	005	99 20 142 5 252
143	Distance controlled stop	000	99 20 143 0 248
144	Program/Update lock	128	99 20 144 128 103
146	Gear backlash compensation	000	99 20 146 0 229
147	Experimental CVs	000	99 20 147 0 228
148	Experimental CVs	000	99 20 148 0 227
149	Experimental CVs	000	99 20 149 0 226
150	Experimental CVs	000	99 20 150 0 225
151	Motor brake	000	99 20 151 0 224
152	Dim mask 2	000	99 20 152 0 239
153	Continue without signal	000	99 20 153 0 238
154	Special OEM bits	000	99 20 154 0 237
155	Half speed	000	99 20 155 0 236
156	Momentum deactivation	000	99 20 156 0 235
157	MAN function	000	99 20 157 0 234
159	Effeccts on F7	000	99 20 159 0 232
160	Effects on F8	000	99 20 160 0 215
161	Servo protocol	000	99 20 161 0 214
162	Servo 1 left stop	049	99 20 162 49 228
163	Servo 1 right stop	205	99 20 163 205 25
164	Servo 1 centre stop	127	99 20 164 127 172
165	Servo 1 speed	010	99 20 165 10 216
166	Servo 2 left stop	049	99 20 166 49 224
167	Servo 2 right stop	205	99 20 167 205 29
168	Servo 2 centre stop	127	99 20 168 127 160
169	Servo 2 speed	010	99 20 169 10 212
170	Servo 3 left stop	049	99 20 170 49 236
171	Servo 3 right stop	205	99 20 171 205 17
172	Servo 3 centre stop	127	99 20 172 127 164
173	Servo 3 speed	010	99 20 173 10 208
174	Servo 4 left stop	049	99 20 174 49 232

175	Servo 4 right stop	205	99 20 175 205 21
176	Servo 4 centre stop	127	99 20 176 127 184
177	Servo 4 speed	010	99 20 177 10 204
181	Servo 1	000	99 20 181 0 194
182	Servo 2	000	99 20 182 0 193
183	Servo 3	000	99 20 183 0 192
184	Servo 4	000	99 20 184 0 207
185	Special live steam	000	99 20 185 0 206
250	Decoder ID	222	99 20 250 222 83
251	Decoder ID	002	99 20 251 2 142
252	Decoder ID	014	99 20 252 14 133
253	Decoder ID	145	99 20 253 145 27
260	Loading code		
261	Loading code		
262	Loading code		
263	Loading code		
265	Steam & diesel sound sequence		
266	Overall volume		
267	Chuff rate		
268	Cam sensor		
269	Passing steam sound		
270	Creep impact		
271	Quick trip overlap effect		
272	Dewatering time		
273	Blowout delay		
274	Blowout schedule		
275	Low speed chuff volume		
276	High speed chuff volume		
277	Chuff volume based on load		
278	Load change threshold		
279	Load change reaction speed		
280	Diesel load influence		
281	Full load sound acceleration		
282	Acceleration sound duration		
283	Full acceleration sound volume		
284	Deceleration sound threshold		
285	Deceleration sound duration		
286	Deceleration volume level		
287	Brake squeal threshold		
288	Drive time without squeal		
289	Thyristor stepping effect		
290	Thyristor sound at medium speed		
291	Thyristor sound at max speed		
292	Thyristor medium speed step		
293	Thyristor volume at steady speed		
294	Thyristor acceleration volume		
295	Thyristor deceleration volume		
296	Motor max sound volume		
297	Motor lowest speed step		
298	Motor speed dependent sound		
299	Motor pitch based on speed		
300	Pseudo programming		
301	Pseudo programming		
302	Load test		
309	Brake key		
310	Sound on/off key		
311	Function sound on/off key		
312	Blowout key		
313	Mute key		
314	Mute fade in/out time		
315	Random generatorZ1 min interval		
316	Random generator Z1 max interval		
317	Random generator Z1 duration		
318	Random generator Z2 interval		
319	Random generator Z2 max		
320	Random generator Z2 duration		
321	Random generator Z3 min		
322	Random generator Z3 max		
323	Random generator Z3 duration		
324	Random generator Z4 min		
325	Random generator Z4 max		
326	Random generator Z4 duration		
327	Random generator Z5 min		
328	Random generator Z5 max		

329	Random generator Z5 duration
330	Random generator Z6 min
331	Random generator Z6 max
332	Random generator Z6 duration
333	Random generator Z7 min
334	Random generator Z7 max
335	Random generator Z7 duration
336	Random generator Z8 min
337	Random generator Z8 max
338	Random generator Z8 duration
339	Raising key
340	Coasting step
341	Switch input 1 duration
342	Switch input 2 duration
343	Switch input 3 duration
344	Fan runtime after stop
345	Sound switch key
346	Switch conditions
347	Solo driving
348	Solo switchover config
349	Brake time
350	Switchgear lockout
351	Exhaust fan at cruising
352	Exhaust fan start speed
353	Automatic smoke shutdown
354	Steam chuff frequency 1
355	Exhaust fan speed stand still
357	Thyristor reduction - high speed
358	Thyristor volume reduction
359	Switchgear playback time
360	Switchgear after stop
361	Switchgear playback delay
362	Thyristor 2 switchover threshold
363	Switchgear speed steps
364	Diesel speed drop - upshift
365	Diesel RPM before upshift
366	Turbo sound volume
367	Turbo RPM based on speed
368	Turbo RPM acceleration
369	Turbo minimum load
370	Turbo frequency increase
371	Turbo frequency decrease
372	Motor acceleration volume
373	Motor deceleration volume
374	Coasting key
375	Coasting step
376	Driving sound volume
378	Switchgear sparks - acceleration
379	Switchgear sparks - deceleration
380	Electrical brake key
381	Electrical brake minimum speed
382	Electric brake max speed
383	Electric brake pitch
384	Electric brake decel. threshold
385	Electric brake downhill
386	Electric brake loop
387	Acceleration influence
388	Deceleration influence
389	Acceleration diesel sound limit
390	Solo driving momemtum red.
391	Idle sound driving solo
393	ZIMO config 5
394	ZIMO config 4
395	Maximum volume
396	Volume decrease key
397	Volume increase key
398	Automated coasting
399	Rule 17 speed headlights
400	Input mapping
401	Input mapping
402	Input mapping
403	Input mapping
404	Input mapping
405	Input mapping

406 Input mapping
407 Input mapping
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420 Input mapping
421 Input mapping
422 Input mapping
423 Input mapping
424 Input mapping
425 Input mapping
426 Input mapping
427 Input mapping
428 Input mapping
430 Fn key Swiss light mapping
431 Master light switch
432 A1 forward
433 A2 forward
434 A1 reverse
435 A2 reverse
436 Fn key Swiss light mapping
437 Master light switch
438 A2 forward
439 Fn key Swiss light mapping
440 A1 reverse
441 A2 reverse
442 Fn key Swiss light mapping
443 Master light switch
444 A1 forward
445 A2 forward
446 A1 reverse
447 A2 reverse
448 Fn key Swiss light mapping
449 Master light switch
450 A1 forward
451 A2 forward
452 A1 reverse
453 A2 reverse
454 Fn key Swiss light mapping
455 Master light switch
456 A1 forward
457 A2 forward
458 A1 reverse
459 A2 reverse
460 Fn key Swiss light mapping
461 Master light switch
462 A1 forward
463 A2 forward
464 A1 reverse
465 A2 reverse
466 Fn key Swiss light mapping
467 Master light switch
468 A1 forward
469 A2 forward
470 A1 reverse
471 A2 reverse
472 Fn key Swiss light mapping
473 Master light switch
474 A1 forward
475 A2 forward
476 A1 reverse
477 A2 reverse
478 Fn key Swiss light mapping
479 Master light switch
480 A1 forward

481	A2 forward
482	A1 reverse
483	A2 reverse
484	Master light switch
485	Master light switch
486	A1 forward
487	A2 forward
488	A1 reverse
489	A2 reverse
490	Fn key Swiss light mapping
491	Master light switch
492	A1 forward
493	A2 forward
494	A1 reverse
495	A2 reverse
496	Fn key Swiss light mapping
497	Master light switch
498	A1 forward
499	A2 forward
500	A1 reverse
501	A2 reverse
502	Fn key Swiss light mapping
503	Master light switch
504	A1 forward
505	A2 forward
506	A1 reverse
507	A2 reverse
508	Swiss mapping PWM 1
509	Swiss mapping PWM 2
510	Swiss mapping PWM 3
511	Swiss mapping PWM 4
512	Swiss mapping PWM 5