## DCC Servo Function Decoder

HDM02B

U		JEI	vo i ui	ICLIO	II Decou	
С٧	Range	Value	Discription			
1	199	3	Primary Addres			
7		3	Manufacturer Version No.			
8		13	Manufactured ID			
13	0255	0	Active functions F1 to F8 in		n analog	
	Bit:		0	1		
	0	0	F1=off	F1=on		
	1	0	F2=off	F2=on		
	2	0	F3=off	F3=on		
	3	0	F4=off	F4=on		
	4	0	F5=off	F5=on		
	5	0	F6=off	F6=on		
	6	0	F7=off	F7=on		
	7	0	F8=off	F8=on		
14	063	3	Active functions FL,FR,F9 to F12 in analog			
	Bit:		0	1		
	0	1	FL=off	FL=on		
	1	1	FR=off	FR=on		
	2	0	F9=off	F9=on		
	3	0	F10=off	F10=on		
	4	0	F11=off	F11=on		
	5	0	F12=off	F12=on		
17	192231	192	Long address (high byte)			
18	0255	3	Long address (low byte)			
29		2	Configuration byte			
	Bit:		0		1	
	0	0	Normal Direction	on	Reverse Direction	
	1	1	14 steps		28/128 steps	
	2	0	DCC only		DCC and Analog	
	3	0				
	4	0				
	5	0	Short address		Long address	
	6	0				
	7	0				
50	5698	78	Spacing in 256µs -> ussually 20ms (78 * 256)			
51	010	1	Speed Servo 1			
52	100200	100	Position A Servo 1 (in 10µs)			
53	100200	200	Position B Servo 1 (in 10µs)			
54	100200	125	Position C Servo 1 (in 10µs)			
55	100200	150	Position D Servo 1 (in 10µs)			
56	010	1	Speed Servo 2			
57	100200	100	Position A Servo 2 (in 10µs)			
58	100200	200	Position B Servo 2 (in 10µs)			
59	100200	125	Position C Servo 2 (in 10µs)			
60	100200	150	Position D Servo 2 (in 10µs)			
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Locomotives up to address 9999. Control of the exits selectable between F0 and F28.

Selection between 2 independent exits of function and 2 AnalogServo outputs.

2 ports can individual select as normal or blinking. Blinking frequents selectable. Selection of active functions in analogical way.

Max. 500mA for each port with total Max. of 800mA PCB 14mm x 23mm

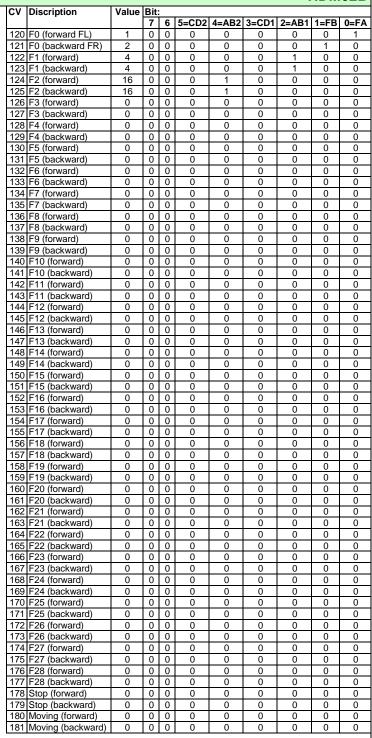
## Connections:

J or Black = Digital ground K or Red = Digital Power FA or White = Port 1 FB or Yellow = Port 2

V+ or Blue = common Port power for FA and FB

FC = Servo 1 FD = Servo 2









CDx	Abx	1
0	1	2 positions
	CDx 0	CDx Abx 0 1

Fx	0	1	3 positions
Fy	1	1	

Fx	0	1	4 positions
Fy	1	0	

## Hans Deloof

info@locohdl.be www.locohdl.be 18/12/2021

## Liability disclaimer:

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