

Color		NEM 652	NMRA RP911					NEM 652	Color	
Marklin	DCC								Marklin	DCC
			Hall Sensor #1 input	1	22	2 rail track: Right rail 3rd rail track: Center rail	8	Red	Red	
			Hall Sensor #2 input	2	21	2 rail track: Left rail 3rd rail track: Outside rails	4	Brown	Black	
			Hall Sensor #3 input	3	20	Decoder GND (behind rectifier)		Violet	Black/White	
Brown/White			AUX4/ Pick-up Selector	4	19	Motor 1 MF	5	Green	Gray	
			Train Bus - Clock Line	5	18	Motor 2 MR	1	Blue	Orange	
			Train Bus - Data Line	6	17	Motor 3				
Yellow	Yellow	2	Rear Light	7	16	Decoder Plus (behind rectifier)	7	Orange	Blue	
Gray	White	6	Front Light	8	15	AUX1	3	Brown/Red	Green	
			Loudspeaker output	9	14	AUX2		Brown/Green	Violet or Brown	
			Loudspeaker output	10	13	AUX3		Brown/Yellow		
				11	12	Decoder internal VCC				