

# Basic Programming

**Table C. CV 29 Reference**

Address Type	Speed Table	Analog Mode	Speed Steps	Direction	CV Value
Primary "Short" (CV1)	No	No	14	Normal	0
Primary "Short" (CV1)	No	No	14	Reversed	1
Primary "Short" (CV1)	No	No	28/128	Normal	2
Primary "Short" (CV1)	No	No	28/128	Reversed	3
Primary "Short" (CV1)	No	Yes	14	Normal	4
Primary "Short" (CV1)	No	Yes	14	Reversed	5
Primary "Short" (CV1)	No	Yes	28/128	Normal	6
Primary "Short" (CV1)	No	Yes	28/128	Reversed	7
Primary "Short" (CV1)	Yes	No	14	Normal	16
Primary "Short" (CV1)	Yes	No	14	Reversed	17
Primary "Short" (CV1)	Yes	No	28/128	Normal	18
Primary "Short" (CV1)	Yes	No	28/128	Reversed	19
Primary "Short" (CV1)	Yes	Yes	14	Normal	20
Primary "Short" (CV1)	Yes	Yes	14	Reversed	21
Primary "Short" (CV1)	Yes	Yes	28/128	Normal	22
Primary "Short" (CV1)	Yes	Yes	28/128	Reversed	23
Extended "Long" (CV 17:18)	No	No	14	Normal	32
Extended "Long" (CV 17:18)	No	No	14	Reversed	33
Extended "Long" (CV 17:18)	No	No	28/128	Normal	34
Extended "Long" (CV 17:18)	No	No	28/128	Reversed	35
Extended "Long" (CV 17:18)	No	Yes	14	Normal	36
Extended "Long" (CV 17:18)	No	Yes	14	Reversed	37
Extended "Long" (CV 17:18)	No	Yes	28/128	Normal	38
Extended "Long" (CV 17:18)	No	Yes	28/128	Reversed	39
Extended "Long" (CV 17:18)	Yes	No	14	Normal	48
Extended "Long" (CV 17:18)	Yes	No	14	Reversed	49
Extended "Long" (CV 17:18)	Yes	No	28/128	Normal	50
Extended "Long" (CV 17:18)	Yes	No	28/128	Reversed	51
Extended "Long" (CV 17:18)	Yes	Yes	14	Normal	52
Extended "Long" (CV 17:18)	Yes	Yes	14	Reversed	53
Extended "Long" (CV 17:18)	Yes	Yes	28/128	Normal	54
Extended "Long" (CV 17:18)	Yes	Yes	28/128	Reversed	55

**Note:** Values in Table C are shown in decimal format. If your command station requires hex inputs, you will need to convert. Refer to Appendix A for conversions.