

## M-BRAKE QUICK REFERENCE CHART

### LED INDICATORS:

PWR	Indicates 115VAC power to Brake Control Board (BRDT-B2).
RDY	On indicates Brake ready. Flashing indicates error. 2 Flashes = Improper line voltage. 3 Flashes = Motor contactor (M) failed to open. 4 Flashes = Brake contactor (BC) failed to open. 5 Flashes = Improper line frequency.
RUN	Indicates motor contactor (M) is closed or enabled via motor interlock contact (TB1 #7 and #8).
BRK	Indicates the brake contactor (BC) is closed.

### DIP SWITCH (S1):

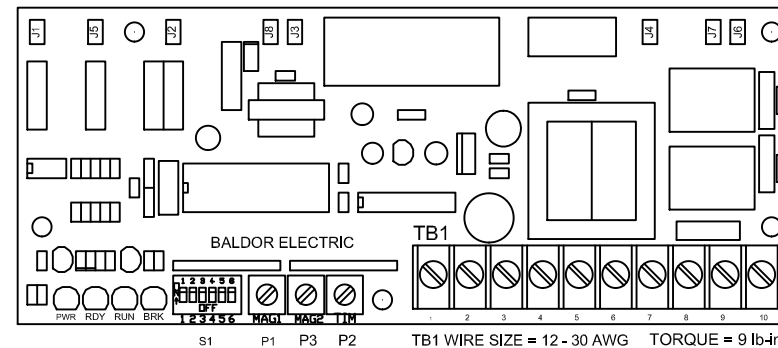
	S1-1	S1-2	RANGE
Brake Timer Range	OFF	OFF	0 to 17 seconds
	OFF	ON	15 to 32 seconds
Position 1 & 2	ON	OFF	30 to 47 seconds
	ON	ON	45 to 62 seconds

	S1-3	S1-4	MODE
Brake Operating Modes	OFF	ON	Master brake mode
	ON	OFF	Prestop brake mode
Position 3 & 4	OFF	OFF	Holding mode
	ON	ON	Basic brake mode

	S1-5	ZERO SPEED SENSOR
Zero Speed Disable Position 5	OFF	Brake zero speed sensing on
	ON	Brake zero speed sensing off

	S1-6	BRAKE STATUS
Brake Control Reset Position 6	OFF	Brake operational
	ON	Brake disabled and reset

### BRAKE CONTROL BOARD



### ADJUSTMENTS:

**MAG1 (P1) BRAKE MAGNITUDE ADJUSTMENT (0-100%)**

Adjustment for braking torque with a non-emergency stop. Used for all operating modes.

**MAG2 (P3) EMERGENCY BRAKE MAGNITUDE (0-100%)**

Adjustment for braking torque for emergency stop. Used for all operating modes except holding brake.

**TIME (P2) BRAKE TIMER ADJUSTMENT (0-100%)**

Adjusts the maximum amount of braking time. When zero speed sensing is on, timer must be set to the longest stopping time. Used for all operating modes except holding brake.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: ADDED MP PLANT CODE.

REV. LTR: A BY: JLH REVISED: 13:15:44 12/11/2000 TDR: 217918

FILE: ADA00001478

REF: LT0135A00

MTL: -

**BALDOR ELECTRIC Co.**

M-BRAKE QUICK REFERENCE CHART 0-1 MINUTE