



IDEAL ELECTRIC Co.

TELEPHONE (419) -520-3245
(419)- 522-8427 FAX

Aftermarket Service Department

SERVICE BULLETIN

Motor starting duty

Condition of Motor	Allowable # of Starts
Motor shutdown 6 hours or more since previous operation -----	2
After one start	
Motor shutdown less than 2 hours -----	1
Motor shutdown 2 hours or more -----	2
Motor running at full load -----	1
After two consecutive starts	
Motor shutdown less than 2 hours -----	0
Motor shutdown 2 hours -----	1
Motor shutdown 4 hours or more -----	2
Motor running at full load less than 80 minutes -----	0
Motor running at full load 80 minutes or more -----	1

The above starting duty covers injurious motor heating only. Good operating practice should limit the number of starts to once in eight hours. Careful analysis of the load requirements (Torque & Inertia) and the voltage applied to the motor during the starting cycle must be made using the above schedule. These schedules apply equally to induction and synchronous motors.

1-15-2003 cve