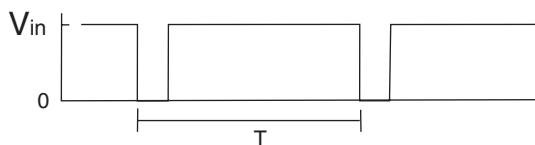


Hall Effect Monitor

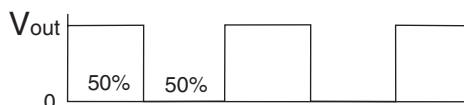
Selected ebm blowers ordered with this option monitor the speed of the blower with a device consisting of a magnet and solid state switch built into the motor. The output signal is a low voltage DC pulse train that can be incorporated into the end product to trigger an audible or visual alarm or to initiate an orderly system shutdown. This device is suited for telecommunications, computer, peripheral and copier applications, or others as required.

Hall Effect Monitor for AC Models



Input = 4.5 to 16 VDC; $T = 60/\text{RPM}$; $V_{out} \approx v$
 Output Impedance = 4.7 K nominal.

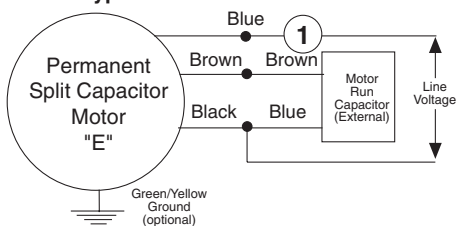
Hall Effect Monitor for Brushless DC Models



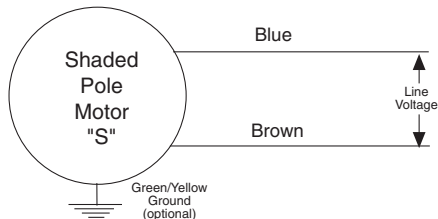
2 pulse / revolution – $V_{out} \approx 5v$; Output current = 5mA max.

MOTOR WIRING DIAGRAMS

A. PSC "Type E" Motor

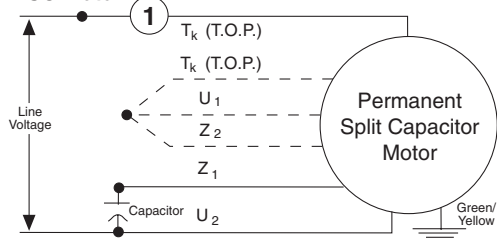


B. Shaded Pole Motor

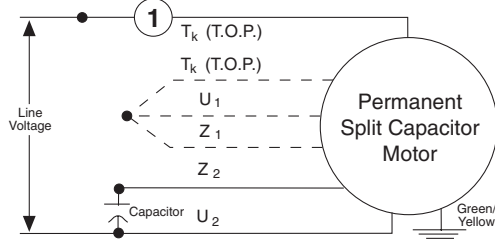


1 An extra capacitor can be connected in series to yield lower RPM for multi-speed requirements

C. PSC Motor



D. PSC Motor



Dotted lines not supplied on all designs