

INTRODUCTION

Canadian Advanced ESP Inc. Medium Voltage Switchboards are suitable for DOL (Direct on Line) starting across a wide range of ESP voltage and horsepower ratings.

ENCLOSURE SPECIFICATIONS

- NEMA 3 or 3R outdoor rating
- 12 gauge mild steel construction
- ANSI 1147 white or ANSI 1101 grey powder paint finish
- 2 lifting lugs for secure and easy transportation

SPECIFICATIONS

Suitable for applications 700 through 1,500 Volts
 1,500V (180A): 400HP, 1,500V, 50/60Hz

Suitable for applications 700 through 3,300 Volts
 3,300V (180A): 800HP, 3,300V, 50/60Hz
 600HP, 2,400V, 50/60Hz

Suitable for applications 900 through 5,000 Volts
 5,000V (400A): 2,500HP, 5,000V, 50/60Hz
 2,500HP, 4,800V, 50/60Hz

FEATURES

- Fixed speed motor controller with built-in backspin protection
- Main fused disconnect switch or circuit breaker
- NEMA or IEC vacuum contactor
- Control and instrument transformers (120V control voltage) with range of secondary taps
- Current transformers, multi-tapped
- Hand-Off-Auto selector switch, start push-button and indicator lights
- Ambient temperature range -30°C to 55°C
- Separate low and high voltage compartments
- High voltage compartments safety interlock
- Surge protection

OPTIONAL FEATURES

- Reverse rotation and ground fault sensing shunt
- Steel skid, 5' x 12' or 5' x 16' with equipment pre-mounted
- Auxiliary power supply for convenience outlet
- Heater package
- NEMA 4 and 4X enclosures
- Junction/cable vent box



Every Switchboard is factory tested and certified to Canadian Standards Association (CSA) standards.



Please visit our website at www.cai-esp.com for more information.