



**EPIC MOTOR CONTROL CENTER**  
*CENTRO DE CONTROL ÉPICO DEL MOTOR*

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<b>Position</b>	<b>OEM Ref. Nos.</b>	<b>Epic No.</b>	<b>Description</b>
SI06-01		EE150400	Motor Control Center <i>Panel para Mando de Motor</i>

Older Superbas were equipped with a very bulky Center Electric Console Unit using DC motor controllers and DC switchgear. The DC components in the Console are largely outdated and almost impossible to obtain in the event of a break-down. The old system also meant in a dual tunnel system that both tunnels had to be shut down.

The Epic Motor Control Center is much smaller and uses simplified, state-of-the-art AC variable speed motor controllers that are readily available from electric supply houses. The Epic Center controls one tunnel, thus separating two tunnel units and allowing each tunnel to operate independently. The complete Motor Control Center is Epic part number EE150400.

The control panel measures 4'x5'x 20" (100x125x500mm) and contains 3 transistor invertors as 2-1.5 HP (1KW) invertors for the prefeed and coiler units and 1-3HP (2KW) invertor for the belt drive. Also included is an M40 Programmable Controller (PLC) for interfacing the motor controls with the computer control system (Epic or Superba). The unit is complete and includes wiring, wire tray, conduit, relays, overload switches, contactors, terminal strips, etc.

The unit is furnished with wiring instructions, schematics and the PLC program. Customer must specify voltage information so that the correct voltage components may be included.

The system is almost maintenance free. Replacement electrical controls are readily available from electrical distributors. In the event that the M40 Programmable Logic Center fails or the memory is lost, Epic can supply the Logic Center or can reprogram it either by return to Epic or by modem.

Epic products are intended as replacements for worn or damaged parts in OEM products. OEM Part numbers in (parenthesis) indicate either 1) Improved design 2) the part serves the same function as the OEM part, but may differ from the OEM design, or 3) it is a component of an assembly where no OEM reference number is available, or 4) it is a repair service for the referenced OEM part.

Parts with EE designations are manufactured by Epic and are not authorized by the original equipment manufacturers.

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