



hubbell industrial controls, inc.

BROCHURE

4110/4111

August 1993
Repl.: January 1989

EUCLIDTM DC CRANE CONTROLS (DC HEAVY DUTY)

NEMA Size 1 through Size 8

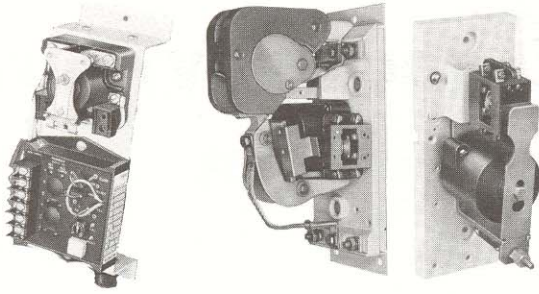


Type 4111 DC Dynamic Lowering NEMA size 3 Hoist Controller

NEMA Class II Industrial Duty also available

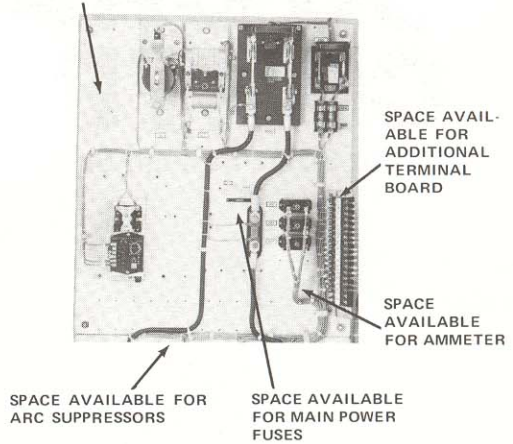
COMPLETELY FRONT-ACCESSIBLE PANEL DESIGNS . . . *Reliable Euclid™* components have been time proven for smooth performance.

Exclusively offered through Hubbell is the Electronic Overload (EOL) Relay that provides **accurate** Instantaneous and Inverse Time trip functions; refer to specifications 5370 for details.

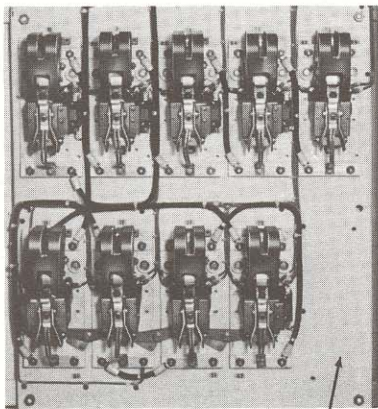


MILL DUTY COMPONENTS are used throughout the design. Euclid™ Contactors and Relays are rugged devices built to withstand mill usage. Refer to Specification Sheet 5210 for Contactor and Relay, Static Timer 5350, Arc Suppressor 5360, and Electronic Overload (EOL) Relay 5370 for detailed information.

SPACE AVAILABLE FOR OPTIONAL RELAYS.

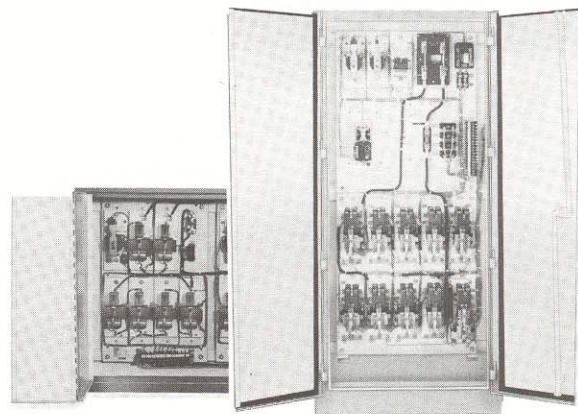


COMPLETE MOTOR PROTECTION consisting of main knife switch, fused control circuit knife switch, instantaneous and inverse-time-trip overload, (EOL), and low voltage relay.



SPACE AVAILABLE FOR
ARMATURE SHUNT
CONTACTOR ON TRAVEL
PANELS.

FIVE OR SIX SPEED POINTS are standard on all controllers. Static timers are used for acceleration control and smooth performance.



FRONT WIRING, FRONT ACCESSIBILITY to all components provides easy access for inspection and servicing, no back wiring, rear-access not required.

ENCLOSURES are available in NEMA 1, NEMA 1 with Gasket, and NEMA 3R, featuring lift-off doors in floor mounting styles. Overlapping door design makes tighter enclosures. (Also available as open panels.)



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