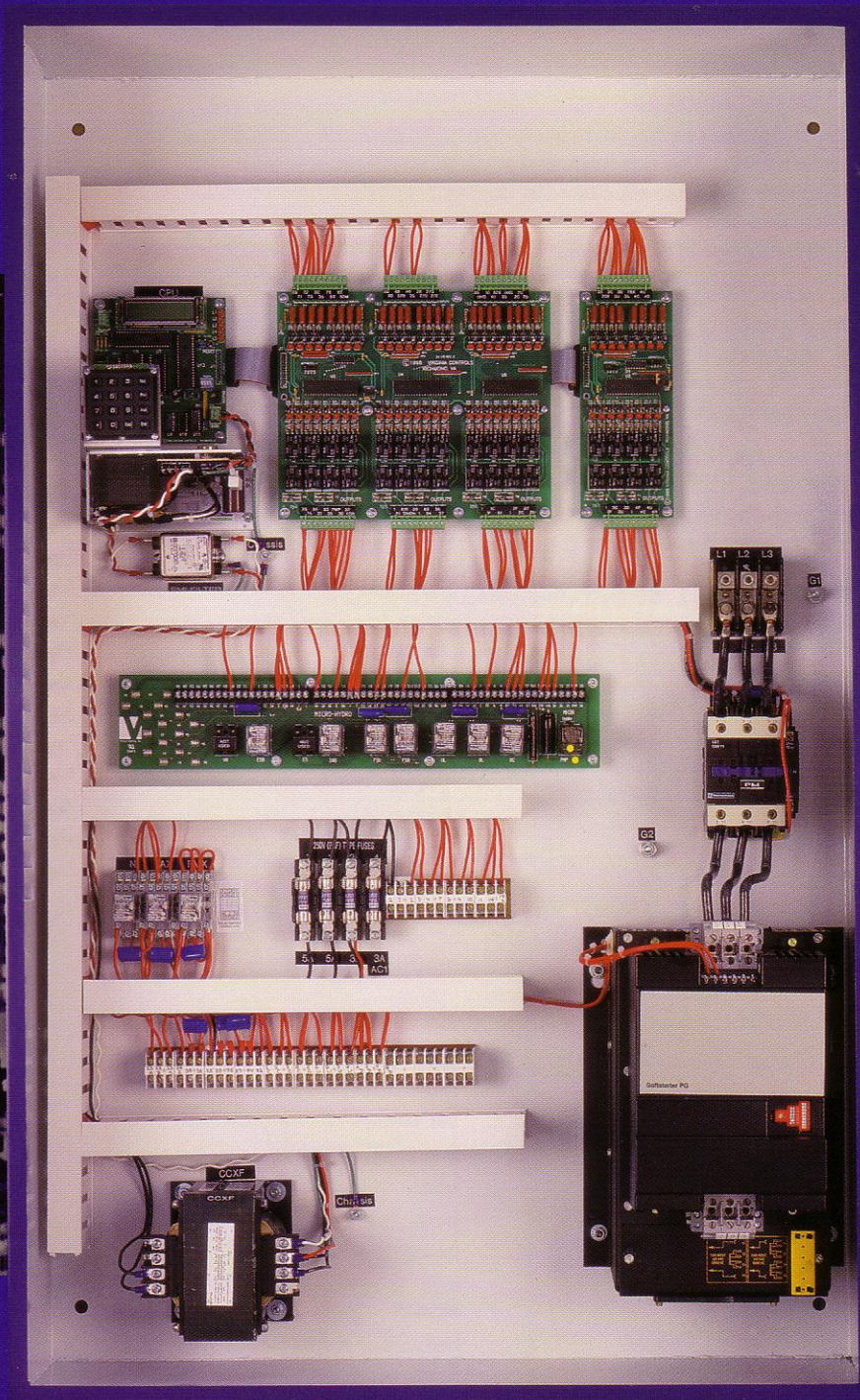


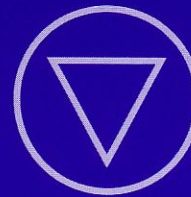
M H 2 0 0 0 S E R I E S

Microprocessor Controllers for Hydraulic Elevators
with Dedicated Microprocessor





MH2000 SERIES



Microprocessor Controllers for Hydraulic Elevators with Dedicated Microprocessor

APPLICATIONS: This series may be applied to any hydraulic elevator application where a low-cost, high-reliability controller is desired. The modular design accommodates the entire range of hydraulic elevator applications efficiently and cost-effectively. In duplex installations, the car-to-car connections are achieved through twisted-pair wiring which reduces installation time. For applications of three or more elevators, see the Type MH controller data sheet.

DESCRIPTION: The microprocessor has been developed by Virginia Controls and is dedicated to elevator service with heavy-duty components used throughout. The microprocessor is field-programmable through use of an integrally-mounted keypad and LCD display. Diagnostic information may be accessed without the use of an external device. All boards are equipped with LED's which indicate operating status of the elevator.

The microprocessor may be combined with a standard IEC or NEMA-rated starter (across-the-line or wye-delta) or with a solid state "soft start" unit which minimizes power surges during startup. The type MH2000 is also available with the Virginia Controls "BORIS" battery rescue system, which brings the car to a designated landing and opens the doors in the event of a power failure.

Typical MH2000 installations by Virginia Controls

Please consult the Virginia Controls sales department for information on these and other MH2000 installations

Year Installed	Location	Service	Speed, FPM	Capacity Lbs	No. of Ldgs	No. of Cars	New or Mod
1999	CHICAGO	OFFICE BLDG	125	2,500	9	2	NEW
1999	NASHUA, NH	WAREHOUSE	85	10,000	2	2	MOD
1998	NEW YORK CITY	LIBRARY	125	2,000	9	1	NEW
1997	CHICAGO	HOSPITAL	150	4,800	7	1	NEW
1997	EDGEWATER, NJ	RETIREMENT HOME	125	2,500	4	2	NEW
1997	MINNEAPOLIS	SCHOOL	125	2,800	6	1	MOD
1996	BOSTON	FAA TOWER	100	2,000	6	1	MOD
1996	RICHMOND VA	OFFICE BLDG	175	3,000	3	2	MOD

STANDARD FEATURES:

Maximum cars in group: Two	Independent service
Maximum speed: 200 fpm (higher speeds available)	State and local code compliance
Maximum # of landings: 10 (consult VCI for more landings)	Top-of-car inspection
Special security configurations	Passing Gong
No proprietary maintenance tools	IEC Starter (X-L or Wye-Delta)
NEMA Class I wall-mounted enclosure	Field-selectable features
Fireman's Service Phase I & II	
Meets ADA leveling requirements	
Selective-collective operation	

OPTIONS:

Duplex operation	Emergency Power operation
Selective/non-selective rear openings	"BORIS" battery lowering
Hospital/EMT operation	Single-automatic pushbutton operation
Seismic operation	Homing
Freight door (manual or power)	Attendant service
Landing systems and selectors	Nudging
NEMA 4x or NEMA 12 enclosure	Solid state starting
Free-standing enclosure	Oil viscosity
UL/CSA certification	Jack resync
Card Reader access	Reverse Phase Relay
Differential hall/car door times	Inspection access
Special valve configurations	Inching

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