

# VMI/PEELLE Integrated Control System

**VMI**  
VHC-102  
Hydraulic Control



**PEELLE**  
Door Control



**Controllers Combined**



The **VMI / PEELLE** integrated control system incorporates the **PEELLE** freight door controller into the **VMI** hydraulic elevator control panel. This saves time and money for the elevator contractor.

#### Advantages -

- Can be ordered for either the latest edition of the ANSI A17.1 2000 or 1998 code.
- One panel to mount and wire reduces field time and saves space in the machine room
- 1 Set of schematics simplifies the wiring process and reduces the potential for field wiring mistakes
- Cost savings on the purchase price (1 controller versus 2)
- Requires only one disconnect in the elevator machine room
- On-board elevator diagnostic tool logs faults that pertain to the door functions along with the time and date that the fault occurred
- 8-16 hours of field labor savings

#### Applications -

- Freight Mods where the elevator is retained and only the elevator controller and doors are being upgraded.
- Existing hydraulic freight elevators with **PEELLE** doors and gates.
- New freight elevators provided by Minnesota Elevator, Inc.

**VMI**

**1-507-245-3399**

"DOING MORE THAN EXPECTED"

**Peelle**

**1-800-645-1056**

# VMI / **PEELLE** Integrated Control

## Simplifies Set-Up and Diagnostics



### PEELLE DOOR STATUS LED'S (located on the Peelle door board)

- 24V ON = the 24Vdc power to the Peelle board is good
- ZNS (Zone Switch) ON = the elevator is at a floor with a zone interlock contact made
- DOL (door open limit) ON = the hoistway door is on the open limit switch
- DCL (door close limit) ON = the hoistway door is on the close limit switch
- GOL (gate open limit) ON = the car gate is on the open limit switch
- GCL (gate close limit) ON = the car gate is on the close limit switch
- GOFL (gate open final limit) ON = the car gate is on the final limit switch
- DOFL (door open final limit) ON = the hoistway door is on the final limit switch
- HTB (heart beat) = Flashing green indicates the board is communicating with the main CPU.

### PEELLE "Field Programmable" DOOR PARAMETERS & TIMERS

- AUTO CLOSE - Y (yes)  
N (no)
- CLOSE TYPE - MP (momentary pressure)  
CP (constant pressure)
- OPEN FINALS - BOTH (car gate and hoistway doors final limits are provided by Peelle)  
- GATE (final limits on are on the gate only)  
- NO (no final limits are provided)
- SAFETY EDGE - Y (yes)  
N (no)
- AUTO CLS TMR - -- (wait time before the doors auto close)
- PHOTOEYE DIS - -- (overrides a photoeye that is blocked continually and closes the doors in slow speed)
- FINAL OPEN - -- (the delay to turn off the door open after the doors have reached the slowdown when - no hoistway final limits are provided)
- GATE TIMEOUT - -- (the delay to turn off the gate close after the gate reached the slowdown)

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