



Roadway & Railroad Lift Bridge Control Systems



100 Years of Industrial Control Experience for Railroad and Roadway Vertical Lift, Swing and Bascule Bridges

Hubbell's Total Lift Bridge motor control solutions include all relevant control products developed and deployed in our 120-year manufacturing history.

Hubbell offers the most complete Lift Bridge control system package available from any major electrical controls manufacturer.

- AC Variable Frequency Drive Systems
- Traditional DC Contractor Controls
- Mill Duty Shoe & Thruster Style Brakes
- Pushbutton Stations
- Master Switches
- Complete Operator Consoles

A legacy of reliability and innovation makes Hubbell the leader in both new and retrofitable bridge systems.

Why Hubbell?

Manufacturing nearly all components and subsystems used in Lift Bridge Control Systems allows for the most complete single-source system in today's marketplace.



Our capabilities include:

- Bulletin 4960B AC VFD Motor Control System, for AC squirrel cage or wound rotor motor.
- DC And AC contactor motor control systems for electromechanical control of DC series, DC shunt and AC wound rotor motors.
- Operator Control Consoles to Complement the AC or DC Motor Solutions.
- Manufacturing Products for Dynamic Braking, Acceleration & Load Break Resistors
- AC Drive Regeneration Modules at our globally recognized PowerOhm facility
- Producing advanced power quality products including Reactors, DV/DT, Sinewave and digital Active Filters used for Harmonic Mitigation, Line Sag and Power Quality Solutions at our Acme Transformer Division
- Manufacturing an extensive line of cable management products including Heavy Duty Cable Reels for Vertical Lift Bridges and Gleason Heavy Duty Steel Powertrak™ for Swing Bridges at our Gleason Reel facility.

Integrated AC or DC Control Solutions:

- Works for use with all motor types
- Master/followers systems
- Communications cards for PLC commands
- Low maintenance designs

Available Options:

- Resistors
- Master switches
- Rectified power supplies
- Series and Thruster Brakes
- Brake Rectifiers
- Festoons and cable carriers
- Power limit switches
- Speed switches
- Consoles





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