

CONTROL STATION

BLUE GENIUS™ GOLD SERIES I DOCK CONTROL PANEL

SPECIFICATIONS:

The Control Station shall be **Model** Blue Genius™ Gold Series I as manufactured by BLUE GIANT.

TYPE:

Multiple touch button control station.

STANDARD FEATURES:

- NEMA4X /IP65 polycarbonate enclosure- resistant to both corrosion and wet conditions
- Printed circuit board technology
- Keypad with supervisory override option and personalized security features
- Network connections- bidirectional communication and power wiring
- Onboard diagnostics and self-testing
- LCD intelligent display with multilingual text
- Red/Green/Yellow LED interior Lights Communication System
- Blue Genius™ memory and service interval indicator
- Programmable ports; two inputs and one output for interlocking purposes
- Finger safeguard against risk of shock
- UL/CSA approved

FUNCTION:

The Blue Genius Gold Series I- Dock Control Panel controls an independent hydraulic dock leveler via constant pressure 'Deck' and 'Lip' touch buttons. The hydraulically powered lip is controlled independently of the main deck cylinder. The LED Lights Communication System (Red, Yellow, and Green) is built into the controller and supplemented by driver warning signs. Safety devices include door interlock terminals (24VDC provided) and a 'STOP' touch button that will freeze the unit in mid-motion when pressed. The 'Esc' touch button releases the unit from the stopped condition.

OPERATION:

Operating System: Loading dock equipment connected to the Blue Genius™ Control Panel is controlled via touch buttons that correspond to the equipment's function. The Stop button causes a complete motion freeze of connected dock equipment.

VOLTAGE SELECTIONS:

- 115V / 1PH Range: 110-130 / 50-60Hz
- 230V / 1PH Range: 208-240 / 50-60Hz
- 230V / 3PH Range: 208-240 / 50-60Hz
- 460V / 3PH Range: 380-480 / 50-60Hz
- 575V / 3PH Range: 575-600/ 60Hz

CONSTRUCTION AND FINISH:

The Blue Genius™ is a multiple touch button control station with constant pressure buttons. NEMA4X/IP65 (wet and corrosion resistant) rated polycarbonate enclosure. Overall dimensions 11¼"L x 7½"W x 5½"D (287 x 190 x 140mm).

WARRANTY:

Warranties are subject to standard limitations on liability. Please consult Blue Giant warranties at <http://www.BlueGiant.com> for full details on warranty information and product registration.

OPTIONAL ACCESSORIES:

- Auto-Return: automatic ramp return should the vehicle depart unexpectedly. (Not available when exterior LED traffic lights are present. Also not available with vertical storing dock levelers)
- Exterior LED Traffic Lights. (Not available when auto-return is present.)
- Blue Genius™ advanced communication package (includes LED interior red/yellow/green and exterior red/green traffic lights and driver warning signs) with security features (activate / deactivate via code)