



Electromotive

# IMPULSE® G+ Series 2

IMPULSE® Control Products  
IMPULSE® G+ Series 2 Features & Benefits

## IMPULSE® G+ Series 2 Features & Benefits

### SAFETY

<b>Safe Operating Windows™</b>	Reduces the possibility of programming unsafe parameters
<b>Load Check™</b>	Reduces the possibility of lifting an overload
<b>Quick Stop™</b>	Reduces the possibility of crane collision
<b>Multi-Level Password Protection</b>	Limits unauthorized modification of drive parameters
<b>Phase Loss Detection</b>	In case of phase loss, brake will set immediately, retaining load
<b>Interface Boards</b>	120 V optically isolated-standard (Other voltages available as option)
<b>UL/CUL Rated</b>	Tested and certified by Underwriters Laboratory
<b>Ground/Fault Short Circuit Protection</b>	

### PERFORMANCE

<b>X-Press Programming™</b>	Allows programming initial setup within seconds
<b>Swift-Lift™</b>	Allows overspeeding with light loads or empty hook
<b>Reverse Plug Simulation™</b>	Allows operator to smoothly and quickly stop and change directions without setting brake
<b>Stall Prevention</b>	Extends acceleration time and prevents the motor torque limits from being exceeded
<b>Micro-Positioning™</b>	Allows operator to make precise, slow moves
<b>Torque Limit at Accel/Deceleration</b>	Allows for load dependent Acceleration or Deceleration

<b>Multi-Function Input Terminals</b>	For end of travel/slow down limits stops or other options
<b>Flash ROM</b>	Stores last four fault occurrences, even after power-down, for diagnostic purposes
<b>Elapsed Time Counter</b>	Indicates actual time of operation (power on or run time)
<b>RELIABILITY</b>	
<b>Built-In Auto Tune</b>	Maximizes performance and life of motor
<b>Built-In Serial Communication</b>	Provides reliable digital linkage among various crane system peripherals, including PulseStar Radio Remote Crane Controls
<b>Operation/Fault Display</b>	Simplifies setup and troubleshooting