



Electromotive

IMPULSE® G+ Series 2

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

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SAFETY

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

PERFORMANCE

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

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