

OmniPulse Application Questionnaire

Submitted By _____ Date _____
 Company Name _____
 Phone _____ Fax _____

CRANE INFORMATION

Crane ID/Name _____ Customer/Ref. No. _____
 Type/Application of Crane _____ (ex. hot metal, scrap handling, etc.)
 Indoor _____ Outdoor _____ Ambient Temperature Range _____
 Duty Cycle: Hoist FPM _____ Trolley FPM _____ Bridge FPM _____
 No. of Lifts/Hours _____ No. of Shifts/Day _____ Ave. Height of Lift _____
 Ave. Trolley Move (length of span in feet) _____ Ave. Bridge Move (length of runway in feet) _____
 Other Environmental Considerations _____

DC POWER SUPPLY VOLTAGE FEEDING CRANE

230 VDC _____ 300 VDC _____ 360 VDC _____ Other _____ VDC
 Specify Type of DC Supply - Regulated SCR _____ Diode Rectifier _____ Other _____ Specify _____
 Regen package on the rectifier? Yes _____ No _____
 Approximate Number of Cranes on Same Power Source _____
 Measured AC Ripple Current _____ Measured AC Ripple Voltage _____

OPERATOR INTERFACE

Cab _____ Master Switches _____ Type & Manufacturer of Master Switches _____
 Floor _____ Pendant _____ Radio Control _____ Other _____

MOTOR DATA				
	Main Hoist	Aux Hoist	Trolley	Bridge
No. of Motors				
If Two or More, Specify Connection (series, parallel or series parallel)				
Motor HP				
Motor Type/Frame (series, shunt or compound)				

OmniPulse Application Questionnaire (Continued)

EXISTING CONTROLLER DATA

Motion	Type of Construction (check one)		Type of Enclosure	Controller Dimensions (inches)			List Any Other Enclosure Dimensional Considerations Or Limitations Here
	Open Panel	Enclosed		W	H	D	
Main Hoist							
Aux Hoist							
Trolley							
Bridge							

ADDITIONAL CONTROLLER DATA

	Main Hoist	Aux Hoist	Trolley	Bridge
Existing Control Manufacturer				
Existing Control Diagram No.				
Are Copies of Existing Controller Diagrams Available?				

ADDITIONAL CONTROLLER DATA

	List Any Other Required Controller Options or Design Considerations Here (such as knife switch and fuses or breaker, shunt brake contactor adder, etc.)
Main Hoist	
Aux Hoist	
Trolley	
Bridge	

BRAKES

	Main Hoist	Aux Hoist	Trolley	Bridge
No. of Brakes				
Brake Size				
Type (Electro-Magnetic or Hydraulic)				
Type of Coil (series or shunt)				
Brake Manufacturer				