

Customer Questionnaire Digicom Systems

Mine Name:			Single Drum Winder	
Man Conveyance:	1	2	Double Drum Winder	
Rock Conveyance:	1	2		
Service Conveyance:	1	2		
Counter Weight:	1			
Compartment Designation:	Eg. North South, East West, Cage Counterweight			

Customer Name:		Single Rope	
Customer Tel. No:		Multi Rope (Indicate 1 to 6)	
Customer E-Mail Address:		Incline / Decline	

Standard or Common Equipment with each system

- SU - Surface Unit in Rittal or Custom cabinet made to fit existing cabinets (Size of cabinet will differ dependant on requirements)
- HU - Headgear Unit (Quantity will be determined from the information above)
- HIU - Headgear Interface Unit (Quantity will be determined from the information above)
- CU - Conveyance Unit (Quantity will be determined from the information above)
- CMU - Conveyance Main Unit comes in different configurations and the requirements will determine configuration (Quantity will be determined from the information above)
- BC - Battery Charger Dual
- PP - Power Pack (105Ahr Battery)

Requirements (Selection of units and configuration)	Digital Inputs	Digital Outputs	Yes	No	Qty Units
Communications between Winder Driver and Conveyance Personal (Permanent Comms Unit)					
Speech Communication					
Bell Communication					
Communications between Winder Driver and Conveyance Personal (Portable Inspection Unit)					
Speech Communication					
Bell Communication					
Automation (Automated Inspection)					
Pushbutton mechanical					
Pushbutton piezo (Non-mechanical)					
LED Confirmations					
LED Indications					
Other (User defined)					
Electrical Diagram available (From customer to assist with design)					

	Digital Inputs	Digital Outputs	Yes	No	Qty Units
Winder Automation Unit on Conveyance					
Speech Communication incorporated in unit					
Bell Communication incorporated in unit					
Automation					
Inputs required					
Pushbutton mechanical					
Pushbutton piezo (Non-mechanical)					
Other (User defined)					
Outputs switching currents less than 500mA (LED's etc.)					
LED Confirmations					
LED Indications					
Other (User defined)					
Outputs switching more than 500mA (Solenoids etc.)					
Relays switching loads of 10A max.					
Other (User defined)					
Electrical Diagram available (From customer to assist with design)					
All user Inputs and Outputs on Conveyance excluding winder automation (Count total Inputs and total outputs)					
Option 1: Require less than 8 Inputs (This option caters for only 8 inputs and its available on the CMU)					
Junction box needed					
Option 2: Require Inputs and Outputs (External I/O unit with cards, 16 Inputs and 8 Outputs per card)					
Door and / or Pole Monitoring on Conveyance (If total I/O requirement is less than 8, Option 1 else Option 2)					
Type of monitoring switches					
Magnetic switch complete with magnet					
To be supplied (Supply specs for procurement purposes)					
Own supply (Attach specs of units)					
Proximity switches NPN					
To be supplied (Supply specs for procurement purposes)					
Own supply (Attach specs of units)					
Proximity switches PNP					
To be supplied (Supply specs for procurement purposes)					
Own supply (Attach specs of units)					
Limit switches					
To be supplied (Supply specs for procurement purposes)					
Own supply (Attach specs of units)					
Require User defined I/O (If total I/O requirement is less than 8, Option 1 else Option 2)					
Permanent conveyance E-Stop					
To be supplied (Supply specs for procurement purposes)					
Own supply (Attach specs of units)					
Other (Please provide specs)					
Require Robust outer enclosure for External I/O unit (5mm 304 Stainless Steel - LxWxH = 800mm x 350 mm x 210mm)					

	Digital Inputs	Digital Outputs	Yes	No	Qty Units
Load Cell Type					
Ecamm Standard (Output 40mV per Ton, 50T = 2V, Max allowable input voltage of instrumentation card = 2V)					
3RD Party load cell					
Excitation Voltage					
Output Voltage					
Output current					