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Date: _____

Customer Name: _____

Phone No.: _____

Customer Contact: _____

Fax No.: _____

ADMO / PTAD Information Sheet

Class of Switch <input type="checkbox"/> Distribution <input type="checkbox"/> Motor on pole <input type="checkbox"/> Motor on switch x-arm <input type="checkbox"/> Transmission	Type of Switch Operation <input type="checkbox"/> Torsional <input type="checkbox"/> CW rotation to open <input type="checkbox"/> CCW rotation to open <input type="checkbox"/> Reciprocating Stroke distance _____ "	Mfgr. of switch _____ Switch rating _____ Style model _____ Switch mounting configuration _____
Operating pipe (applicable only to motors mounted on the pole) <input type="checkbox"/> Insulated pipe	Size of Vertical Pipe <input type="checkbox"/> 1" fiberglass rod <input type="checkbox"/> 1" IPS <input type="checkbox"/> 1½" IPS <input type="checkbox"/> 2" IPS	If the motor is located on the crossarm, specify approximate distance from the switch crossarm to the bottom of the controller _____ ft. Charging Voltage from PT ___ 110 AC ___ 220 AC Does the PT supplying voltage to the controller have a spark gap? ___ Yes ___ No
RTU <input type="checkbox"/> customer supplied <input type="checkbox"/> by Cleaveland/Price	Mfgr. of RTU _____ Style # of RTU _____ Sensor analog voltage & current to the RTU? ___ (Y/N) Sensor Mfgr. _____	Operating Voltage ___ 12 v. ___ 24 v. Status Voltage ___ 12 v. ___ 24 v. Operating current _____ A. Mount RTU in controller ___ (Y/N)* If No identify mounting location _____ *A surge suppressing terminal block is supplied when the RTU is outside of controller on separate pole
Communications <input type="checkbox"/> customer supplied <input type="checkbox"/> by Cleaveland/Price	<input type="checkbox"/> Radio <input type="checkbox"/> Fiber <input type="checkbox"/> Multi-mode <input type="checkbox"/> Single Mode <input type="checkbox"/> Cell Phone <input type="checkbox"/> Bell Line <input type="checkbox"/> None	Mfgr. of radio / Fiber System _____ Style # of radio / Fiber Link _____ Mount radio in controller ___ (Y/N) If No , identify mounting location _____ Antenna location on controller ___ (Y/N)* *A polyphaser is supplied when the antenna is not located on the controller
Equipment other than RTU and radio to be housed in the ADMO enclosure _____ _____ _____ _____	Available Accessories <input type="checkbox"/> Operations counter <input type="checkbox"/> Door alarm <input type="checkbox"/> Loss of voltage actuator <input type="checkbox"/> Battery cooler/warmer <input type="checkbox"/> Current, voltage, and/or fault sensors <input type="checkbox"/> Field sensor cable <input type="checkbox"/> Other _____	
Bottom Access Plate <input type="checkbox"/> Standard plate with (2) 1.38" dia. knockouts <input type="checkbox"/> Custom plate (Provide sketch)		

Return form to: Ed Wallace _____

Completing the ADMO/PTAD Information Sheet.

The accompanying sheet addresses the need for information for automating outdoor, pole mounted, distribution loadbreak switches such as S&C, A. B. Chance, Cooper, Kearney, Bridges and transmission switches such as Turner, SEECO, Kearney, and others. Having this information at time of quoting will enable us to provide motor operators that will have a flawless installation and complete customer satisfaction.

Switch type

Knowing the switch information is essential. Some switches have operating characteristics that determine the type of operator that needs to be provided. When the motor is mounted on the crossarm of unitized distribution switches, the type of switch operation is not applicable. When crossarm mounted, we need to know the mounting configuration (upright mount on horizontal crossarm, vertical mount on horizontal crossarm, tiered-outboard mount on vertical crossarm, triangular) in order to provide the correct mounting hardware for the motor.

Operating pipe

If the motor is to be mounted on the pole, there will be control pipe going to the switch and an ADMO type controller will be offered. We provide the appropriate decoupler or coupler based upon the information provided here. In distribution applications, if the motor is to be mounted at switch level, a PTAD type controller will be offered. We need to know the distance from the switch to the bottom of the controller in order to supply the necessary length of control cable.

Charging Voltage

In the USA, 110 VAC from a PT should be available to charge the battery and power the motor. International jobs will generally be 220 VAC but there are exceptions and confirmation of charging voltage is required. Frequency (50 HZ or 60 HZ) is not important.

Spark gap

Additional surge protection is needed if the PT has a spark gap.

RTU information

To facilitate installation of the RTU, Cleaveland/Price provides a custom RTU mounting panel to match the mounting hole centers of the RTU. Some RTUs are large and require special accommodations within the enclosure. In extreme cases, even a larger enclosure may be needed! RTU wiring points for control and status are needed if Cleaveland/Price is to provide a wiring harness for the RTU. RTU wiring points for analog inputs, if applicable, are also needed if a wiring harness for sensors is required. As noted on the information sheet, a surge suppressing terminal block would be needed if the RTU were located outside of the motor operator enclosure. This terminal block is provided at an additional cost.

Communication information

A custom panel is also provided for mounting the radio or communication device. If communication is by radio, an antenna is needed. The antenna can be mounted to the pole or directly to the top of the motor operator enclosure if there is line of sight to a repeater or another antenna. If mounted to the pole, the customer generally provides the antenna. In those cases, a surge suppressing polyphaser needs to be provided (additional cost). If the antenna can be mounted to the enclosure, Cleaveland/Price can provide a MaxRad antenna (additional cost) if specified.

Accessories

Cleaveland/Price can provide a variety of accessories for the motor operator. Some are listed in the accessories block. If a customer requires any accessory not listed, write in the desired feature.