

# Vacuum Contact Switch Selector

## Application Information

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The Vacuum Contact Switch application information that you provide below will be used to create a very detailed application-specific proposal.

*All responses will be kept in the strictest of confidence for the use of Watteredge LLC.*

Date:  
Company Name:  
Plant Location:  
Mailing Address:

Telephone No:  
Fax No:  
Email:  
Key Contact Person (Name & Title):  
Name of Plant Mgr:

Switch Type:          Shorting\_\_\_\_\_ Isolator\_\_\_\_\_ Other\_\_\_\_\_

### Electrolytic Application:

#### Chlor-Alkali:

Type of Electrolytic Cell:    Mercury\_\_\_\_\_ Diaphragm\_\_\_\_\_ Membrane\_\_\_\_\_

#### Copper Refining:

Type of Refining Process:    Electrowinning\_\_\_\_\_ Electrorefining\_\_\_\_\_ Other\_\_\_\_\_

Other\_\_\_\_\_

Cell Manufacturer and Model No:\_\_\_\_\_

Cell Voltage:\_\_\_\_\_ Cell Current:\_\_\_\_\_ No. of Cells\_\_\_\_\_

Manufacturer of Jumper (Shorting) Switch in use at present:\_\_\_\_\_

Manufacturer of Rectifier/Bus bar isolation switch in use at present:\_\_\_\_\_

What do you like about your present switch?\_\_\_\_\_

What would you like to see changed or improved on your present switch?\_\_\_\_\_

Average cost of maintenance for present switch:          Monthly\_\_\_\_\_ Annually\_\_\_\_\_

Average cost of down time for present switch:          Monthly\_\_\_\_\_ Annually\_\_\_\_\_



## APPLICATION INFORMATION

1. Operating Current Required \_\_\_\_\_
2. Operating Voltage Required
  - a. Insulating voltage required (hold off voltage) \_\_\_\_\_
  - b. Breaking voltage required (what is the voltage the switch must open on) \_\_\_\_\_
3. Is the switch to be Opened and Closed ON LOAD or NO LOAD? \_\_\_\_\_
4. Type of Switch actuation required
  - a. Manual insulated lever \_\_\_\_\_
  - b. Rotary pneumatic actuator \_\_\_\_\_
  - c. Electric actuator \_\_\_\_\_
5. Type of Switch control
  - a. Manual air control valve \_\_\_\_\_
  - b. Remote solenoid-operated air control valve \_\_\_\_\_
  - c. Electrical control box \_\_\_\_\_
  - d. Position sensing switches required (auxiliary switches) \_\_\_\_\_
6. Space available to install switch (Describe or sketch the available area in which the switch can be installed. Any plant or bus bar drawings are very helpful for this).
7. What are the temperature and other environmental parameters in the area of the switch?  
Min/Max temperatures, corrosive conditions (describe), indoors, outdoors, dust, humidity, etc.
8. Special Conditions. Please list any and all special conditions that will be required of the switch.  
This includes over current situations, extraordinary environmental conditions, excessive switch cycling requirements (open/close cycles) and other particular situations.

