



## DECS-200 Motor Panel - Analog SMC Motor Panel Comparison

| <b>DECS-200 Digital Excitation System Features</b>   | <b>Manual Voltage Control MVC 236 and Var/Power Factor Control Features</b>                          |
|--|--|
| Pulse Width Modulated Field Control  | SCR Fired, Analog  |
| Var & Power Factor Controller 1% Regulation  | Var and Power Factor Control 5% Regulation   |
| Minimum and Maximum Excitation limiter   | N/A  |
| Automatic Voltage Control for Plant Voltage Stabilization during plant load disturbances. Improves System Response and Recovery                    | N/A  |
| Backup Field Current Regulator in case of loss of PT fusing that will cause transfer from automatic mode to Field Current Regulator mode           | Backup Field Current Regulator, manual transfer only   |
| Autotracking for Bumpless Transfer between operating modes   | N/A  |
| Protection:<br>Under & Over Voltage<br>Loss of Voltage Sensing<br>Field Overcurrent<br>Field Overvoltage<br>Exciter Diode Monitor<br>Loss of Field | N/A  |
| External Independent Functions:<br>Field Overcurrent<br>Motor Pull Out Relay<br>Sequence Timer Relay   | External Independent Functions:<br>Field Overcurrent<br>Motor Pull Out Relay<br>Sequence Timer Relay |
| Communications:<br>RS 485 Serial Port: Modbus Protocol metering, annunciation, control<br>RS 232 for use with BESTCOMS Operating Software          | N/A  |
| Data Capture   | N/A  |
| Oscillography & Sequence of Events for disturbance monitoring  | N/A  |
| Pan Chassis Dimensions:<br>24" W x 31"L x 10" D  | Pan Chassis Dimensions:<br>28" W x 36"L x 6" D   |
| Output:<br>15 amp, 32, 63 & 125 Vdc  | Output:<br>36 amp, 32, 63 & 125 Vdc  |
| Input:<br>60,120 & 240 Vac   | Input:<br>60, 120 & 240 Vac  |



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