

CDVR PC Software Settings

Title Aug 23 2016
PC Version 367-5010-01
Date & Time Tuesday, August 23, 2016, 11:34:20 PM
Comments Aug 23 2016

Rated kVAR (@ 0.8 Power Factor): 1198
Sensing Mode: 1 (0=Single-Phase, 1=Three-Phase)
Generator PT Primary Voltage Rating: 4160 (Volts)
Generator PT Secondary Voltage Rating: 245 (Volts)
Generator CT Primary Current Rating: 400 (Amps)
Generator CT Secondary Current Rating: 5 (Amps)
Programable Input: 0 (0=Fault Reset, 1=Load Comp. Disable
Override, 2=Droop Override, 3=Line Drop Override)

Load Compensation Mode: 0 (0=Off, 1=Droop, 2=Line Drop)
Operating Mode: 0 (0=AVR[Off], 1=PF, 2=VAR)

AVR Minimum Setpoint: 3535.2 (Volts)
AVR Maximum Setpoint: 4783.2 (Volts)
VAR Setpoint: 0.0 (%)
PF Setpoint: 1.000
AVR Voltage Control: 1 (0=CAN Input, 1=Switch)
Voltage Adjustment Band Limit: 15.00 (% of rated)

Soft Start Bias: 10.00 (%)
Soft Start Time: 5.00 (Seconds)
Decreasing Slope #1: 2.00 (Volts/Hz)
Minimum Voltage: 50.00 (% of rated)
Frequency Deviation from Knee Frequency: 5.00 (Hz)
Decreasing Slope #2: 2.00 (Volts/Hz)

AVR Proportional Gain: 200.00
AVR Integral Gain: 600.00
AVR Derivative Gain: 30.00
Noise Filter Time Constant: 0.00 (Seconds)
Regulator Loop Gain: 50.00
Pre-defined PID Gains: 21 (1-20 or Custom)

VAR Integral Gain: 5.00
VAR Loop Gain: 2.50
PF Integral Gain: 5.00
PF Loop Gain: 3.00

Overexcitation Type: 0 (0=Threshold, 1=Inverse Time)
Overexcitation Trip Value: 12.0 (Amps)
Overexcitation Time Setting: 10.0

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Excitation Loss (Reverse VAR):	1 (0=Disabled, 1=Enabled)
Excitation Loss (Reverse VAR) Fault Type:	0 (0=Alarm, 1=Shutdown)
Excitation Loss (Reverse VAR) Trip Value:	40 (%)
Excitation Loss (Reverse VAR) Time Delay:	0.5 (Seconds)
Generator Overvoltage:	1 (0=Disabled, 1=Enabled)
Generator Overvoltage Fault Type:	0 (0=Alarm, 1=Shutdown)
Generator Overvoltage Trip Value:	135 (%)
Generator Overvoltage Time Delay:	2.0 (Seconds)
Generator Undervoltage:	1 (0=Disabled, 1=Enabled)
Generator Undervoltage Fault Type:	0 (0=Alarm, 1=Shutdown)
Generator Undervoltage Trip Value:	60 (%)
Generator Undervoltage Time Delay:	30.0 (Seconds)
Loss of Sensing Time Delay:	2.0 (Seconds)
Exciter Diode Monitor Trip Value:	2.0 (Amps)
Fault Reset Too Long:	1 (0=Disabled, 1=Enabled)
Fault Reset Too Long Fault Type:	0 (0=Alarm, 1=Shutdown)
Shutdown Override Flag:	0 (0=Disabled, 1=Enabled)

Setting Group Support Level Selection:	0 (0=Single Group, 1=Multiple Group)
Group: Rated Generator Voltage:	4160 (Volts)
Group: Rated Generator Frequency:	0 (0=60 Hz, 1=50 Hz)
Group: Rated Generator Current:	277 (Amps)
Group: AVR Setpoint:	4093.8 (Volts)
Group: Knee Frequency:	59.80 (Hz)
Group: Minimum Frequency:	25.00 (Hz)
Group: Power Input Frequency:	240 (Hz)