



Dynamic Rating, Monitoring, Control and  
Communications

# ***DRMCC-T2*** **SETTINGS**

**Revision: 011010**



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# DRMCC-T2 SETTINGS

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## REVISION HISTORY

8-Oct-01      M. Witte:      Based on Energex document 7237-A4 Rev B

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## SETTINGS AVAILABLE

Full Title	Setting Range	Comment	Fucn. / Security	Screen Title
Temp. Hot Spot (WTI), Instant. Trip	0 - 160	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Delayed Trip	0 - 160	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Instant. Trip	0 - 115	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Delayed Trip	0 - 115	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Delayed Trip Time Mins	0 - 1440	Min	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Alarm	0 - 160	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Alarm	0 - 115	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Fan 1 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Fan 1 On/Off Band	5 - 50	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Fan 2 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Fan 2 On/Off Band	5 - 50	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Pump On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Hot Spot (WTI), Pump On/Off Band	5 - 50	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Fan 1 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Fan 1 On/Off Band	5 - 50	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Fan 2 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Fan 2 On/Off Band	5 - 50	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Pump On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Top Oil (OTI), Pump On/Off Band	5 - 50	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate H.S. (WTU), Fan 1 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate H.S. (WTU), Fan 1 On/Off Band	5 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate H.S. (WTU), Fan 2 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate H.S. (WTU), Fan 2 On/Off Band	5 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate H.S. (WTU), Pump On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate H.S. (WTU), Pump On/Off Band	5 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate Top Oil (OTU), Fan 1 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate Top Oil (OTU), Fan 1 /Off Band	5 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate Top Oil (OTU), Fan 2 On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate Top Oil (OTU), Fan 2 /Off Band	5 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate Top Oil (OTU), Pump On	0 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Temp. Ultimate Top Oil (OTU), Pump On/Off Band	5 - 130	Temp °C	Sys. Settings	Cooling Settings For Control & Alarms
Runs/Year (Cooling Test)	0 - 12	No./Yr.	Operations	Cooling Control & Status
Start Hour (Cooling Test)	0 - 23	Hr Of Day	Operations	Cooling Control & Status
Duration (Cooling Test)	0 - 60	Min	Operations	Cooling Control & Status



# DRMCC-T2 SETTINGS

Full Title	Setting Range	Comment	Fucn. / Security	Screen Title
Emergency Load LV Amps	0 - 10,000	A	Operations - <i>For Calc. Only</i>	Emergency Loading
Emergency Load TV Amps	0 - 10,000	A	Operations - <i>For Calc. Only</i>	Emergency Loading
Emergency Load Com Amps	0 - 10,000	A	Operations - <i>For Calc. Only</i>	Emergency Loading
Emergency Load HV Amps	0 - 10,000	A	Operations - <i>For Calc. Only</i>	Emergency Loading
Tap Position During Emergency	1 - 63	Integer	Operations - <i>For Calc. Only</i>	Emergency Loading
Ambient Temperature (Emergency)	-40 - 80	Temp °C	Operations - <i>For Calc. Only</i>	Emergency Loading
Temp. Hot Spot (WTI), Delayed Trip Temp	0 - 160	Temp °C	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
Temp. Hot Spot (WTI), Instant Trip Temp	0 - 140	Temp °C	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
Temp. Top Oil (OTI), Delayed Trip Temp	0 - 115	Temp °C	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
Temp. Top Oil (OTI), Instant Trip Temp	0 - 115	Temp °C	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
Delayed Trip Time Hours	0 - 24	Hr	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
Instant Trip Current	0 - 1.8	Pu	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
Delayed Trip Current	0 - 1.5	Pu	Operations - <i>For Calc. Only</i>	Emergency Loading Limits
1% Time Delay (Inverse N)	0 - 100	%	Sys. Settings	Tap Change Settings For Modes & Times
Exponent N (Inverse N)	0.5 - 3		Sys. Settings	Tap Change Settings For Modes & Times
Initial Tap Delay (Definite)	5 - 180	Sec	Sys. Settings	Tap Change Settings For Modes & Times
Inter-Tap Delay (Definite)	5 - 180	Sec	Sys. Settings	Tap Change Settings For Modes & Times
Fast Tap Down Delay (Definite)	5 - 180	Sec	Sys. Settings	Tap Change Settings For Modes & Times
Alarm Time Limit (Voltage Out Of Tolerance)	0 - 300	Sec	Sys. Settings	Tap Change Settings For Modes & Times
Reference Voltage (AVR Control)	0 - 1.3	Pu	Sys. Settings	Voltage Settings For Control & Alarms
Voltage Tolerance (AVR Control)	0 - 0.1	Pu	Sys. Settings	Voltage Settings For Control & Alarms
Voltage Reduction Stage 1 (AVR Control)	0 - 0.1	%	Sys. Settings	Voltage Settings For Control & Alarms
Voltage Reduction Stage 2 (AVR Control)	0 - 0.1	%	Sys. Settings	Voltage Settings For Control & Alarms
Under-Voltage Limit (AVR Control)	0.5 - 0	Pu	Sys. Settings	Voltage Settings For Control & Alarms
Over-Voltage Limit (AVR Control)	0.5 - 1.3	Pu	Sys. Settings	Voltage Settings For Control & Alarms
Over-Current Limit (AVR Control)	0 - 1.5	Pu	Sys. Settings	Voltage Settings For Control & Alarms
R Pu	0 - 0.5	Pu	Sys. Settings	LDC/Reverse Reactance Settings
X Pu	0 - 0.5	Pu	Sys. Settings	LDC/Reverse Reactance Settings
1 Pu Line Current For X And R	0 - 10,000	Pu	Sys. Settings	LDC/Reverse Reactance Settings
Tolerance Setting For Current Out Of Balance Alarm	0 - 0.5	Pu	Sys. Settings	Available In Setup Spreadsheet Only
Minimum Time For Tap Change To Occur	5 - 30	Sec	Sys. Settings	Available In Setup Spreadsheet Only
Tolerance Setting For Voltage Out Of Balance Alarm	0 - 0.5	Pu	Sys. Settings	Available In Setup Spreadsheet Only
Maximum Withstand Current Of The Transformer	0 - 1.5	Pu	Sys. Settings	Available In Setup Spreadsheet Only
Delayed Trip Time Hours For OTI Or WTI	0 - 24	Hr	Sys. Settings	Available In Setup Spreadsheet Only
Circulating Current Sensitivity	0 - 0.1	Pu	Sys. Settings	Available In Setup Spreadsheet Only
Alarm Time Limit For Voltage Out Of Step	5 - 180	sec	Sys. Settings	Available In Setup Spreadsheet Only
Alarm Time Limit For Voltage Out Of Tolerance	0 - 300	Sec	Sys. Settings	Available In Setup Spreadsheet Only
Analog TPI Sensor Tolerance Each Side Of Position	0 - 0.5	Pu	Sys. Settings	Available In Setup Spreadsheet Only