

FT. ROUGE G SECTION DC-9100-8154 KEYPAD FUNCTIONS FOR MUA-1, 2, 3 & 5

DISPLAY NUMBER	D DIGITAL INPUT STATUS	X ANALOG INPUT STATUS	Y OUTPUT STATUS	Y + A/M OUTPUT OVERRIDE	Z CONTROL MODULE WORKING SETPOINT	Z + A CONTROL MODULE ASSOCIATED INPUT STATUS	Z + A + A CONTROL MODULE ASSOCIATED OUTPUT STATUS	Z + A + A + A CONTROL MODULE PROPORTIONAL BAND	Z + A + A + A + A CONTROL MODULE INTEGRAL GAIN	Z + A + A + A + A + A CONTROL MODULE DERIVATIVE GAIN
1	FAN STATUS	SPACE TEMP	GAS VALVE	UP ARROW = INCREASE DN ARROW = DECREASE	SPACE TEMP SETPOINT	SPACE TEMP	SPACE TEMP PROP. COMMAND	(-15)	(0)	(0)
2	OVERHEAD DOOR #1 (WHERE APPLICABLE)	SUPPLY AIR TEMP	(SPARE)	(SPARE)	SUPPLY AIR SETPOINT (RESET BY OUTPUT 1)	SUPPLY AIR TEMP	GAS VALVE PROP. COMMAND	(-25)	(1)	(0)
3	(SPARE)	(SPARE)	FAN START/STOP	UP ARROW = ON DN ARROW = OFF	(SPARE)	SPACE TEMP PROP. COMMAND	(SPARE)	(1) (ON-OFF MODULE)	(0)	(50) (DIFFERENTIAL)
4	(SPARE)	SPACE CO2 LEVEL (WHERE APPLICABLE)	HEATING ENABLE/DISABLE	UP ARROW = DISABLE DN ARROW = ENABLE	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
5	LOCAL OCCUPIED MODE OVERRIDE	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
6	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
7	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
8	ALARM DISABLE	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)

FT. ROUGE G SECTION DC-9100-8154 KEYPAD FUNCTIONS FOR MUA-4, 6 & 7

*actual offset below setpoint ÷ proportional band.*

DISPLAY NUMBER	D DIGITAL INPUT STATUS	X ANALOG INPUT STATUS	Y OUTPUT STATUS	Y + A/M OUTPUT OVERRIDE	Z CONTROL MODULE WORKING SETPOINT	Z + A CONTROL MODULE ASSOCIATED INPUT STATUS	Z + A + A CONTROL MODULE ASSOCIATED OUTPUT STATUS	Z + A + A + A CONTROL MODULE PROPORTIONAL BAND	Z + A + A + A + A CONTROL MODULE INTEGRAL GAIN	Z + A + A + A + A + A CONTROL MODULE DERIVATIVE GAIN
1	FAN STATUS	SPACE TEMP	MIXED AIR DAMPER PROP. COMMAND <i>ACTUAL OUTPUT</i>	UP ARROW = INCREASE DN ARROW = DECREASE	SPACE TEMP SETPOINT	SPACE TEMP	SPACE TEMP PROP. COMMAND <i>15.70 = .6</i>	(-15)	(0)	(0)
2	(SPARE)	SUPPLY AIR TEMP	GAS VALVE PROP. COMMAND <i>ACTUAL OUTPUT</i>	UP ARROW = INCREASE DN ARROW = DECREASE	SUPPLY AIR SETPOINT (RESET BY OUTPUT 1) <i>should be 13.02</i>	SUPPLY AIR TEMP <i>base 70 line</i>	GAS VALVE <i>25.70 = .6</i> PROP. COMMAND <i>10</i>	(-25)	(1)	(0)
3	(SPARE)	FILTER DIFF. PRESS.	FAN START/STOP	UP ARROW = ON DN ARROW = OFF	FAN UNOCC SETPOINT (PCNT OF OUTPUT 1)	SPACE TEMP PROP. COMMAND	FAN START/STOP	(1) (ON-OFF MODULE)	(0)	(50) (DIFFERENTIAL)
4	(SPARE)	(SPARE)	HEATING ENABLE/DISABLE	UP ARROW = DISABLE DN ARROW = ENABLE	MIXED AIR DAMPER MINIMUM POSITION	AD POINT ACO4 (FROM NCU-4)	MIXED AIR DAMPER PROP. COMMAND	(-100)	(0)	(0)
5	LOCAL OCCUPIED MODE OVERRIDE	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
6	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
7	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)
8	ALARM DISABLE	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)	(SPARE)

DRAWING TITLE  
FT. ROUGE G SECTION  
DC-9100 DDC CONTROLLER  
KEYPAD & DISPLAY FUNCTIONS

FILE: GSECKEY	
1 AS BUILT	04/15/02 CR
REFERENCE DRAWING NO.	REVISION-LOCATION
SALES ENGINEER PROJECT MGR APPL. ENGR	DATE BY
DR	APPROVED
DR	CHK
PROJECT	CONTRACT NUMBER
WINNEPEG TRANSIT ADMINISTRATION AND G SECTION METASTASIS FACILITY MANAGEMENT SYSTEM	91098-5006
JOHNSON CONTROLS LTD 800 MORAY STREET WINNEPEG, MANITOBA R3J 3V9 204-885-8380	DRAWING NUMBER 1501-44