

FT. ROUGE BUS GARAGE DC-9100-8154 KEYPAD FUNCTIONS FOR UNT-1 TO 4

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	OVERHEAD DOOR #2 (WHERE APPLICABLE)	(SPARE)	FAN START/STOP <i>occupied</i>	UP ARROW = ON DN ARROW = OFF	SUPPLY AIR SETPOINT (RESET BY OUTPUT 1)	SPACE TEMP PROP. COMMAND	UNIT HEATER START/STOP	(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)	UNIT HEATER START/STOP	UP ARROW = ON DN ARROW = OFF	(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 BUS GARAGE DC-9100-8154 KEYPAD FUNCTIONS FOR UNT-5 TO 26

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 Δ	SPACE TEMP	MIXED AIR DAMPER PROP. COMMAND	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	GAS VALVE PROP. COMMAND	UP ARROW = INCREASE DN ARROW = DECREASE	SUPPLY AIR SETPOINT (RESET BY OUTPUT 1)	SUPPLY AIR TEMP	GAS VALVE PROP. COMMAND	(-25)	(1)	(0)
3	OVERHEAD DOOR #2 (WHERE APPLICABLE)	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	OVERHEAD DOOR #3 (WHERE APPLICABLE)	SPACE CO2 LEVEL (WHERE APPLICABLE)	HEATING ENABLE/DISABLE	UP ARROW = DISABLE ON DN ARROW = ENABLE OFF	MIXED AIR DAMPER MINIMUM POSITION	AD POINT AC04 (FROM NCU-1)	MIXED AIR DAMPER PROP. COMMAND	(-100)	(0)	(0)
5	LOCAL OCCUPIED MODE OVERRIDE	OUTSIDE AIR TEMP (MUA-6 ONLY)	(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 BUS GARAGE
DC-9100 DDC CONTROLLER
KEYPAD & DISPLAY FUNCTIONS

2098-5002	2	FAN STATUS ADDED	01/17/94	JF
	1	AS BUILT	08/27/91	JF

REFERENCE DRAWING NO.	NO.	REVISION-LOCATION	ECH	DATE	BY
SALES ENGR PROJECT MGR APPL ENGR	DR	DR	DR	DR	DR
BT JF	DM	JF	BT	08/27/91	JF

PROJECT
WINNIPEG TRANSIT
METASTYS FACILITY
MANAGEMENT SYSTEM

JOHNSON
CONTROLS
Systems & Services Division

CONTRACT NUMBER
90098-0310
DRAWING NUMBER
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