3.8.2.4 DIP SWITCH ASSIGNMENTS/CONVENTIONS

Identification of DIP switch setting information and correspondence to function needs conforms to several requirements.

1.A switch physically operated in an upward direction with respect to the human operator is considered "ON". If a binary value is expected, this corresponds to a logic value "1".

2.If near a circuit board edge, a switch physically operated towards the center of the circuit board is considered "ON", or having a binary value of "1".

3.Hardware logic sense may not be equivalent to the switch binary value or functional state, and is specified separately. This may require software conversion to yield the correct logic value to be used.

SWITCH/ POSITION		FUNCTION	FUNCTION DEFINITION			HDW LOGIC	SFT DATA
SW1	1	COMPR A 10/15 TON	ON=15 TON,OFF=10 TON			ON="0"	ON="1"
SW1	2	COMPR B 10/15 TON	ON=15 TON,OFF=10 TON			ON="0"	ON="1"
SW1	3	COMPR C 10/15 TON	ON=15 TON,OFF=10 TON			ON="0"	ON="1"
SW1	4	COMPR D 10/15 TON	ON=15 TON,OFF=10 TON			ON="0"	ON="1"
SW1	5	CONFIGURATION 1	Conf2	Conf1	#compr.	ON="0"	ON="1"
SW2	1	CONFIGURATION 2	OFF	OFF	2	ON="0"	ON="1"
			OFF	ON	3		
			ON	OFF	4a		
			ON	ON	4b		
SW2	2	VAV IGV/INVERTER	ON=IGV, OFF=INV			ON="0"	ON="1"
		CV HEAT-COOL Y/N	ON=CV H/C,OFF=CV			ON="0"	ON="1"
SW2	3	VAV/CONST VOLUME SAC	ON=VAV ;OFF=CV - ZONE			ON="0"	ON="1"
SW2	4	MANUFACTURING LOCK /Extended Display	ON=TEST,OFF=NORMAL ON=Extended,OFF=NORMAL			ON="0"	ON="1"
SW2	5	HEAD PRESS. CONTROL	ON=YES, OFF=NO			ON="0"	OFF="1"
SW3	1	ECONOMIZER Y/N	ON=YES, OFF=NO			ON="0"	OFF="1"
SW3	2	WATER/AIR ECON.	ON=WATER,OFF=AIR			ON="0"	OFF="1"
SW3	3	VALVE TYPE STD/ES	ON=ENGY SVNG,OFF=STD			ON="0"	OFF="1"
SW3	4	MORNING WARMUP	ON=YES, OFF=NO			ON="0"	OFF="1"
SW3	5	*CV FAN FAIL DIAG. (PRESSURE SENSOR)	ON=YES, OFF=NO CV=OFF VAV=ON			ON="0"	ON="1"
		VAV DUCT PRESSURE CONTROL/ NONE	ON=CONTROL,OFF=NONE			ON="0"	ON="1"
SW4	1	15T. COMPR RLA MSB	ON=1, OFF=0			ON="0"	ON="1"
SW4	2	15T. COMPR RLA BIT3	ON=1, OFF=0			ON="0"	ON="1"
SW4	3	15T. COMPR RLA BIT2	ON=1, OFF=0			ON="0"	ON="1"
SW4	4	15T. COMPR RLA BIT1	ON=1, OFF=0			ON="0"	ON="1"
SW4	5	15T. COMPR RLA LSB	ON=1, OFF=0			ON="0"	ON="1"

SW2-4-ON TO READ #1

INPUT RESISTANCE FROM CHART ACROSS 3 & 5 & TEMP SHOULD READ AS STATED ON CHART. IF THEY DO NOT THEN ITS A FAILED IU1.