



USER-1 CHANGES		
PARAMETER NUMBER	PARAMETER FUNCTION	PARAMETER SETTING
9904	MOTOR CONTROL MODE	1 = VECTOR
1002	EXT-2	NOT SEL
1102	EXT-1/EXT-2 SELECT	DI-1(INV)
1106	REF 2 SELECT	AI-2
1201	CONSTANT SPEED SELECT	DI-6
1202	CONSTANT SPEED 1	20 RPM
1401	RELAY OUT 1	19: CONSTANT FREQ. SEL
1404	RELAY 1 ON DELAY	1800 TO 3600 SECONDS
1605	USER PARAMETER SET CHANGE	DI 6
2001	MIN. SPEED ~ 12 Hz	350 RPM
2101	START MODE	1 = AUTO
2104	DC CURRENT CONTROL	1 = DC HOLD
2105	DC HOLD SPEED	100 RPM
2106	DC HOLD CURRENT	10%
CHANGES TO E-CLIPSE PARAMETERS		
1616	DISPLAY ALARMS	0 = DISABLE
SAVE AS "USER 1" @ 9902: USER 1 SAVE		
USER-2 CHANGES		
1001	EXT-1	NOT SEL
1002	EXT-2	DI 6
2001	MIN. SPEED	0 RPM
SAVE AS "USER 2" @ 9902: USER 2 SAVE		

- NOTES:
1. APPLICATION MACRO: HVAC DEFAULT.
 2. CONSULT USER'S MANUAL FOR I/O RATINGS.
 3. REPLACE JUMPER WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NEEDED.
 4. COPPER WIRE RATED FOR 60°C INSULATION IF RATED LESS THAN 100A OR 75°C IF RATED 100A OR MORE MUST BE USED.
 5. REFER TO USER MANUAL FOR OPERATION, CONNECTIONS AND TIGHTENING TORQUE VALUES.
 6. CUSTOMER REQUIRED TO PROVIDE BRANCH CIRCUIT PROTECTION AND DISCONNECT MEANS PER NEC AND LOCAL CODE.

Rev	DC	Description	Project Name	Approved	Responsible	Reference number	Sheet
A	MAM	ACH550 WIRING DIAGRAM WITH MOTOR HEAT FUNCTION	ACH550 DRIVE BASE DRIVE WITH MINIMUM SPEED	M. MOERSFELDER	ABB Inc. SLS ENG	SUBMITTAL PXR0018-CC	A
07/25/09				JMM	08-03-2009		