

2 A20 3 A30

5 A40

A60

A90

AAO

ACO

7.5

15 20

25

30 40 50

60 AD0

75 AE0 100 AF0

0.75 B10

5 B40 7.5 B50

10 B60

15 870 20 880

40 BB0

75 BEO

150 BHO

25 30 B90

50

RATED

A006 A008 A011

A017

A027 A027

A036

A054

A068

A080

A104

A130 A160

A192

A248 B001

B003 B004 8008

B011 B014 B021

B027 B034

B041

B052

B080

B096 B128

B180

17.5

80

104

160

192

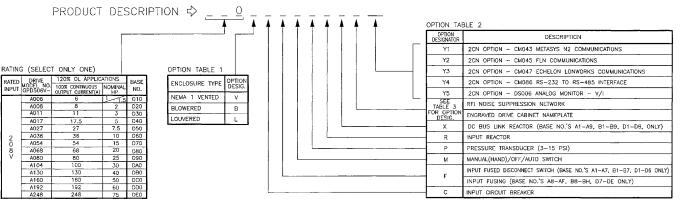
21

128

180

Job Name: Contractor:

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SPECIAL PARAMETER SETTINGS TABLE 4 (SEE NOTE 8)

PARAMETER	DATA	UNIT	DESCRIPTION/REMARKS	
n001	3	N/A	READ/WRITE TO ALL PARAMETERS	
n002	SEE TABLE 5	N/A	DRIVE OPERATION MODE SELECTION	
n003	460(230)	٧	STANDARD MAX VOLTAGE SETTING	
	208	٧	MAX VOLTAGE SETTING FOR BASE NO. "D_"	
n025	10.0	HZ	MANUAL MODE SPEED REFERENCE	
n033		AMPS	MOTOR FULL LOAD AMPS- (MUST BE SET BY CUSTOMER)	
n043	0	N/A	O TO 10VDC AUTO MODE SIGNAL (FACTORY SETTING)	
11045	1	N/A	4-20 MADC AUTO MODE SIGNAL	

OPTION COMBINATION TABLE 3

OPTION	OPTION DESIGNATION		
OT HOW	2	4	6
RFI NOISE SUPPRESSION NETWORK	0	1	1
ENGRAVED DRIVE CABINET NAMEPLATE	1	0	1

1 = OPTION IS PRESENT

DRIVE OPERATION MODE SELECTION TABLE 5

	n002 SETTINGS	RUN/STOP COMMAND	FREQUENCY REFERENCE	SEE NOTE
	0	KEYPAD	KEYPAD	
	1 EXT. TERMINAL		KEYPAD	
	2 KEYPAD		EXT. TERMINALS	
	3 FACTORY SETTING	EXT. TERMINALS	EXT. TERMINALS	
-	4	KEYPAD	SERIAL COMM.	
	5	EXT. TERMINALS	SERIAL COMM.	
	6	SERIAL COMM.	SERIAL COMM.	9
	7	SERIAL COMM.	KEYPAD	9
	8	SERIAL COMM.	EXT. TERMINALS	9

NOTES:

- * COMPONENTS NOT SUPPLIED BY YASKAWA.
- CUSTOMER WIRING. FOR 0 TO 100 AMPS, USE 60° -75°C COPPER WIRE. ABOVE 100 AMPS, USE 75 ℃ COPPER WIRE.
- O CUSTOMER CONNECTION POINT ON PANEL MOUNTED TERMINAL BLOCK TB1. TORQUE WIRE CONNECTIONS TO 10 LB. IN.
- FACTORY CONNECTION POINT ON DRIVE A1.
- REFER TO THE PRODUCT DESCRIPTION AND ASSOCIATED OPTION TABLES TO DETERMINE WHICH OPTIONS ARE PRESENT.
- 1. CONNECTED TO CABINET. CUSTOMER TO CONNECT CABINET GROUND LUG TO EARTH GROUND
- 2. TERMINALS PROVIDED FOR INSERTION OF NORMALLY OPEN AUTO MODE RUN/STOP CONTACT.
- 3. INSULATED TWISTED SHIELDED WIRE IS REQUIRED. 2 CONDUCTOR \$18GA. (BELDON \$8750, OR ROUIVALENT). SHIELD TO CONNECT TO PROPER TERMINAL AS SHOWN. CONNECT THE SHIELD DWY AT THIS END. STUB AND ISOLATE THE OTHER END. DO NOT RUN THESE WIRES IN THE SAME CONDUIT AS THE AC POWER AND AC CONTROL WIRES.
- THE DIGITAL OPERATOR KEYPAD IS STANDARD ON THE DRIVE A1, AND CAN BE SET TO CONTROL THE RUN/STOP/SPEED OF THE A.C. MOTOR. SEE THE TECHNICAL MANUAL IF REMOTE OPERATORS ARE TO BE USED TO CONTROL THE A.C. MOTOR.
- WHEN PRESSURE TRANSDUCER (OPTION P) IS PRESENT (SEE OPTION TABLE 2), CONNECT THE PNEUMATIC SIGNAL AS SHOWN ON PAGE 1.
- MANUAL(HAND)/OFF/AUTO. SWITCH OPERATION:
 THE FUNCTION OF THE MANUAL/OFF/AUTO. SWITCH IS TO SELECT SPEED AND RUN/STOP
 CONTROL. THE AUTO POSITION SELECTS THE AUTO SIGNAL INPUT FOR SPEED AND A
 CUSTOMER SUPPLIED CONTACT FOR A RUN COMMAND, THE MANUAL POSITION SELECTS THE
 BYTEK KEYPAP FOR SPEED AND SUPPLIES A RUN COMMAND.
- BRANCH CIRCUIT PROTECTION (CIRCUIT BREAKER OR AC INPUT FUSES) MUST BE SUPPLIED BY THE CUSTOMER.
- IF A "2 WIRE" OR "3 WIRE" INITIALIZATION IS PERFORMED ON THE DRIVE, THEN THE DRIVE PARAMETERS NEED TO BE RE-ENTERED, AS SHOWN IN THE SPECIAL PARAMETER SETTINGS TABLES 4 AND 5.
- SERIAL COMMUNICATIONS RUN/STOP CONTROL;
 THE MANUAL/OFF/AUTO SWITCH 51 MUST BE IN THE "AUTO" POSITION, IF SERIAL COMMUNICATIONS IS TO BE USED TO CONTROL THE RUN/STOP OF THE DRIVE.