Mabara Panel Drive Wiring Details

Wire Ferules Name	Description	Fuji Digital Input	Fuji Analog Input
M	Over Load Trip	30B	30B
M	Over Load Trip	30C	30C
S1	Slow Speed	X1	
S2	Medium Speed	X2	
S2	High Speed	X3	
S4	ARD Sspeed	X4	
RST	Drive Trip Reset	X5	X5
UP	Forward	FWD	
DN	Reverse	REV	
VCOM	Common	CM	CM
CM	Common	CM	CM
5V	Analog Input +		12
5V	Analog Input -		11
DBR	DC Braking Resistor Wiring	DB,P+	DB,P+

Fuji Drive FRENIC-Multi Function Codes Setting

S.No	Parameter Name	Parameter	Digital Setting	Analog Setting
1	Reset(To load default values) (By pressing STOP&UP keys together)	H03	1	1
2	Frequency Command 1	F01	1	1
3	Operating Method	F02	1	1
4	Maximum Frequency 1	F03	50HZ	50HZ
5	Base Frequency 1	F04	50HZ	50HZ
6	Rated Voltage at Base Frequency	F05	420V	420V
7	Maximum Output Voltage	F06	420V	420V
8	Acceleration Time	F07	2.8SEC	2.8SEC
9	Deceleration Time	F08	1.8SEC	1.8SEC
10	Electronic Thermal Overload(Motor Characteristics)	F10	1	1
11	Rated Current (Overload Detection Level)	F11	MOTOR AMPS	MOTOR AMPS
12	(Thermal Time Constant)	F12	1	1
13	Reset Mode After Momentary Power Failure	F14	1	1
14	Frequency Limiter High	F15	50HZ	50HZ
15	Frequency Limiter Low	F16	0HZ	0HZ
16	DC Braking 1	F20	2HZ	0
17	Braking Level	F21	45%	0
18	Braking Time	F22	1SEC	0
19	Noise Motor Frequency / Motor Sound	F26	9	9
20	Load Selection / Auto Torque Boost	F37	2	2
21	Torque / Control Mode Selection	F42	1	1
22	Terminal [X4] Function	E04	3	3
23	Time Terminal [30A/B/C] Function	E27	99	99
24	Low Speed	C05	9HZ	9HZ
25	Medium Speed	C06	25HZ	25HZ
26	High Speed	C08	50HZ	50HZ
27	ARD Speed	C12	5HZ	5HZ
28	Rated Current	P03	MOTOR AMPS	MOTOR AMPS
29	Acceleration / Deceleration Time	H07	1	2
30	To lock Parameters (By pressing STOP&UP keys together)	F00	1=To Lock 0=Unlock	1=To Lock 0=Unlock
31	Gain Base Point	C34	50.0	50.0

NOTE :
ARD SETTING
F14 = 5 ----------ARD SOME SITES ONLY NOT FOR ALL

	DBR Value
3.7KW DRIVE MOTOR AMPS----------9 AMPS	-------130E 800W
5.5KW DRIVE MOTOR AMPS----------13 AMPS	-------80E 1200W
7.5KW DRIVE MOTOR AMPS----------18 AMPS	-------60E 1500W
11KW DRIVE MOTOR AMPS----------24 AMPS	-------40E 2KW
15KW DRIVE MOTOR AMPS----------32 AMPS	------34.4E 2.5KW

FUJI MINI DRIVE SETTING	
E01	0
E02	1
E03	2
F02	1