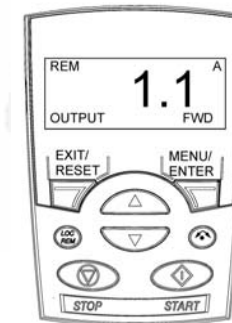


PROGRAMMING THE ABB DRIVE

IMPORTANT

- Pool must be filled before running the Riverflow® Pump
- "Bump" start to verify counter clockwise motor rotation
- Select "NO" when prompted to run startup assistant
- Set time and date
- Use the attached check list to edit and confirm parameter values
- Backup parameter settings
- To activate warranty fax or e-mail completed start-up form



Parameters Mode

1. Select PARAMETERS in the Main Menu.
2. Press UP/DOWN to highlight the appropriate parameter group, then press SEL.
3. Press UP/DOWN to highlight the appropriate parameter in a group.

NOTE! The current parameter value appears below the highlighted parameter.

4. Press EDIT.
5. Press UP/DOWN to step to the desired parameter value.

NOTE! To view the parameter default value: In the set mode, press UP/DOWN simultaneously.

6. Press SAVE to store the modified value or press CANCEL to leave the set mode. Any modifications not saved are cancelled.
7. Press EXIT to return to the listing of parameter groups, and again to return to the main menu. Use the Parameters mode to view and edit parameter values:

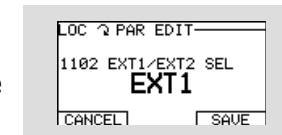
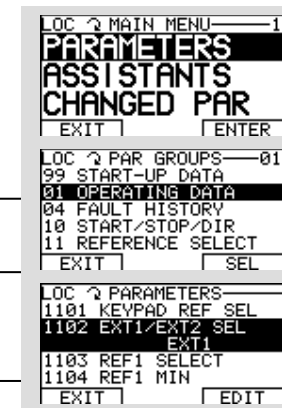


ABB TECH SUPPORT (800) 435-7365
Press 4 and then 3 and have your model number. 24 Hour 7 Day support

www.current-systems.com

PROGRAMMING THE ABB DRIVE



MOTOR ROTATION

COUNTER CLOCKWISE

Fax completed form
to: (805) 339-9494
for warranty activation

Parameter must be set prior to operating system

Job name _____
Startup Date _____
Model _____
Serial Number _____

Code	Parameter Description	Selected	Check When Completed
Group 99			
9901	Language	English American (AM)	
9902	Applic Macro	ABB Standard	
9905	Motor Nom Volt	230 voltage	
9906	Motor Nom Current	Motor FLA	
9907	Motor Nom Freq	60 Hertz	
9908	Motor nom Speed	Motor RPM	
9909	Motor Nom Power	Motor HP	
Group 10	Command Inputs		
1001	ext1 commands	DI1	
1003	direction	forward	
Group 11	Reference Select		
1103	ext Ref1 select	DI 3U, 4D	
Group 12	Constant speeds		
1201	constant speed sel	not selected	
Group 20	Limits		
2003	max current	Motor FLA	
2007	minimum freq	15 Hz	
2008	maximum freq	60 Hz	

Code	Parameter Description	Selected	Check When Completed
Group 21	Start/Stop		
2102	Ramps	Ramp	
Group 22	Accel/Decel		
2202	Acceleration time 1	10 Sec	
2203	Deceleration time 1	10 Sec	
2205	Acceleration time 2	10 Sec	
2206	Deceleration time 2	10 Sec	
Group 26	Motor Control		
2606	Frequency	8HZ	
2607	Frequency Switch	On	
Group 30	Fault Protection		
3005	mot therm prot	fault	
Group 34	Display		
3401	RPM's	speed	
- Optional - - Optional - - Optional -			
Group 16	System Controls		
1603	Pass Code 358	Unlocked	
1602	Parameter Locked	locked	
1604	fault reset sel	start/stop	

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