

DRIVE PARAMETERS

PARAMETER #	NAME	SETTING	VALUE
0-03	REGIONAL SETTINGS	1	NORTH AMERICA
5-01	TERMINAL 27	1	OUTPUT
5-02	TERMINAL 29	2	OUTPUT
5-11	TERMINAL 19	52	RUN PERMISSIVE
5-14	TERMINAL 32	7	EXTERNAL INTERLOCK
5-15	TERMINAL 33	37	FIRE MODE
5-30	TERMINAL 27	188	FILTER CAP CONNECT
5-31	TERMINAL 29	5	RUNNING
5-40(0)	RELAY 1	160	NO ALARM
5-40(1)	RELAY 2	167	START COMMAND ACTIVE
14-51	DC LINK COMP.	0	OFF

SOFTSTART PARAMETERS

PARAMETER #	NAME	SETTING	VALUE
3-1	LOCAL/REMOTE	1	LCL/RMT ANYTIME
3-3	INPUT A FUNCTION	5	EMERGENCY RUN
3-8	REMOTE RESET	2	NORMALLY OPEN
15-5	MAIN CONTACTOR TIME	1500	START DELAY

NOTES:

- * INDICATES COMPONENTS NOT SUPPLIED BY FACTORY.
- FEEDER CIRCUIT PROTECTION AND INPUT AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C. ANY APPLICABLE LOCAL CODES AND THE DRIVE PANEL NAMEPLATE RATING. DANFOSS RECOMMENDS AN INSULATED BONDING WIRE FROM MOTOR TO DRIVE RUNNING WITH MOTOR LEADS INSIDE CONDUIT OR SHIELDED CABLE.
- REPLACE JUMPER WITH N.C. SAFETY INTERLOCK CONTACT AS APPLICABLE.
- REFER TO THE INSTALLATION OPERATION MANUAL FOR THE PROPER DRIVE FUSING. DRIVE FUSES ARE INTERNAL TO DRIVE ON UNITS > 125 HP.
- ADD JUMPER TO ENABLE AUTO BYPASS FUNCTION.
- JUMPER FROM H2 TO H3 IS NOT PRESENT ON TRANSFORMER PRIMARY FOR 575V INPUT..
- REMOVE JUMPER TO ENABLE DAMPER FEEDBACK IN FIRE MODE.
- ADD JUMPER TO FORCE BYPASS IN FIRE MODE.
- MOTOR/LINE AND CONDUIT GROUND CONNECTIONS TO BE MADE ON CABINET GROUND BAR.

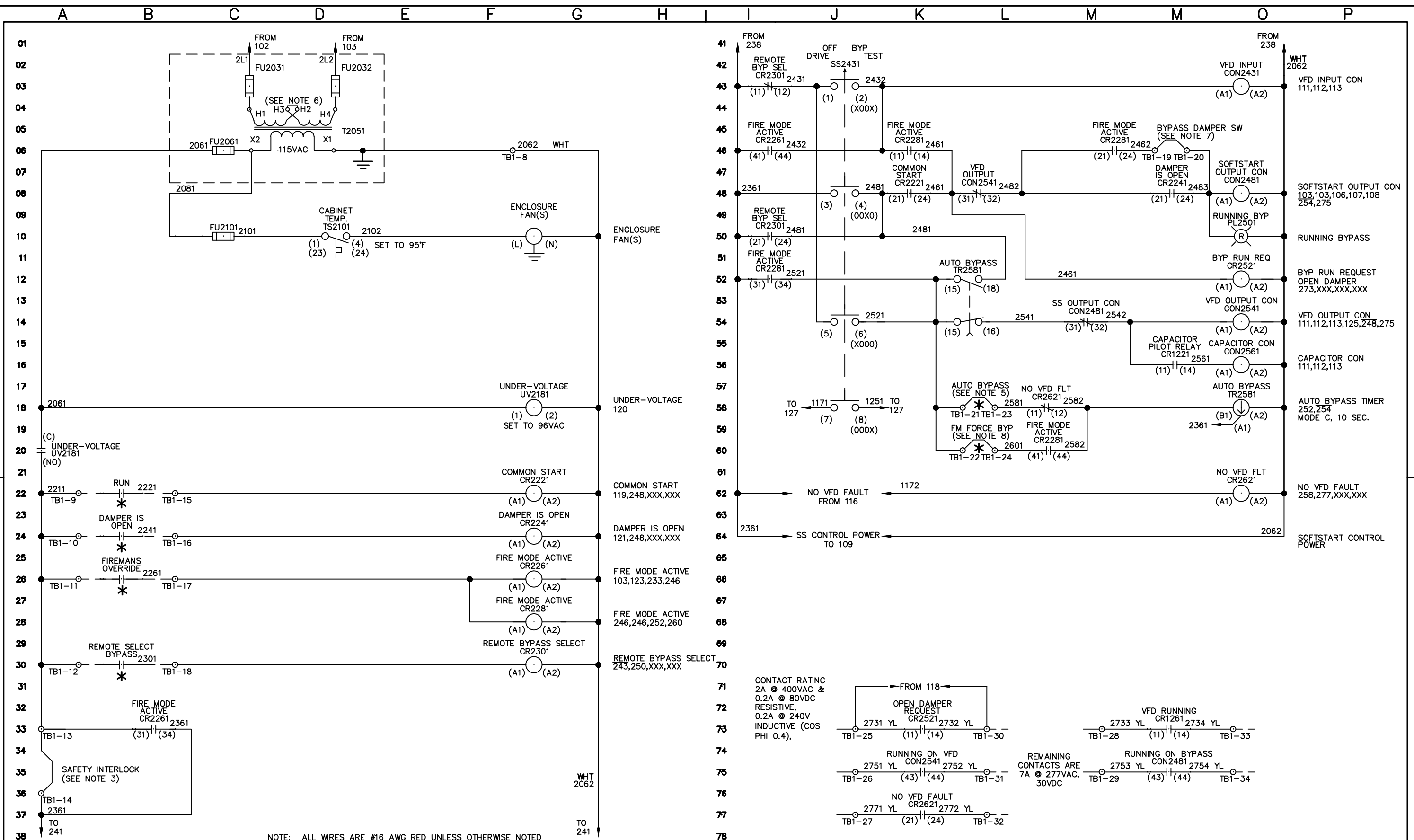
NOTE: ALL DRIVE WIRES #18 AWG BLUE UNLESS OTHERWISE NOTED
 NOTE: ANALOG PAIRS ARE 18 AWG BELDEN #9460

RELEASE	0	SP14067	11/05/14
DESCRIPTION	REV	ECN	DATE
	3		
	2		
	1		

- NOTICE -

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DRN	TOLERANCE	NAME		
SJG	Unless Otherwise Specified	POWER DISTRIBUTION WIRING DIAGRAM		
APR	2 PLC: ±.02 3 PLC: ±.005	PHD PANEL HVAC SOFT-START BYPASS 460/575 VAC		MODEL FC102
SJG	SCALE 1.0	CB DISC., TYPE 1/12		
		SHEET 1 OF 2	SIZE D	DWG. NO. 174N9971



	3		
	2		
	1		
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DRN	TOLERANCE	NAME		
SJG	Unless Otherwise Specified	CONTROL WIRING DIAGRAM		
APR	2 PLC ± 0.2 3 PLC ± 0.005	PHD PANEL HVAC SOFT-START BYPASS 460/575 VAC CB DISC., TYPE 1/12		
SJG	SCALE 1.0	MODEL	SIZE	DWG. NO.
		FC102	SHEET 2 OF 2	174N9971