

DRIVE PARAMETERS

PARAMETER #	NAME	SETTING	VALUE
0-03	REGIONAL SETTINGS	1	NORTH AMERICA
3-15	REFERENCE 1 SOURCE	35	DIGITAL INPUT SELECT
5-01	TERMINAL 27	1	OUTPUT
5-02	TERMINAL 29	2	OUTPUT
5-11	TERMINAL 19	42	REFERENCE SOURCE 0
5-14	TERMINAL 32	7	EXTERNAL INTERLOCK
5-30	TERMINAL 27	188	FILTER CAP CONNECT
5-31	TERMINAL 29	5	RUNNING
5-40(0)	RELAY 1	160	NO ALARM

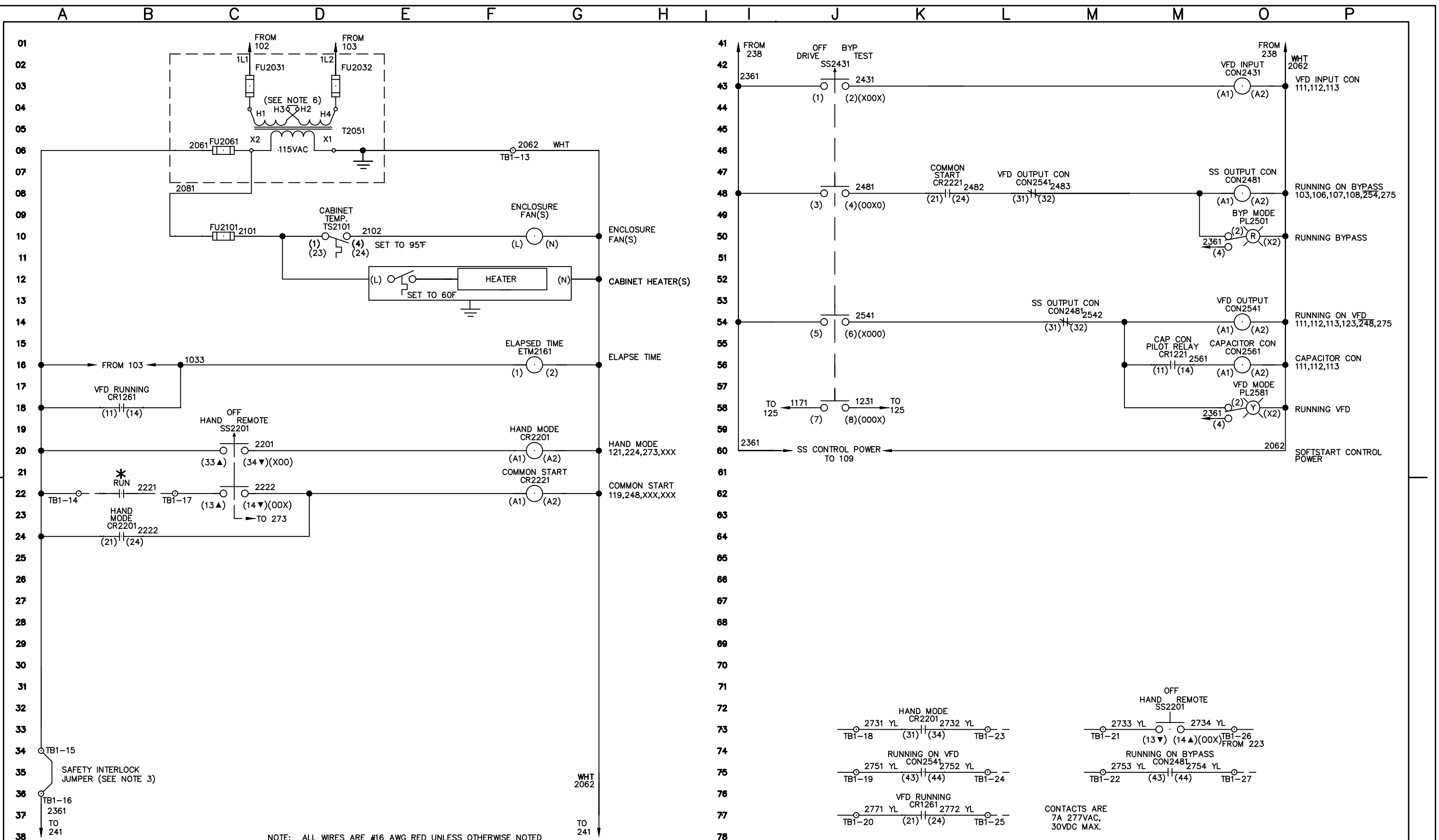
SOFTSTART PARAMETERS

PARAMETER #	NAME	SETTING	VALUE
3-1	LOCAL/REMOTE	N/A	LCL/RMT ANYTIME
15-5	MAIN CONTACTOR TIME	1500	START DELAY

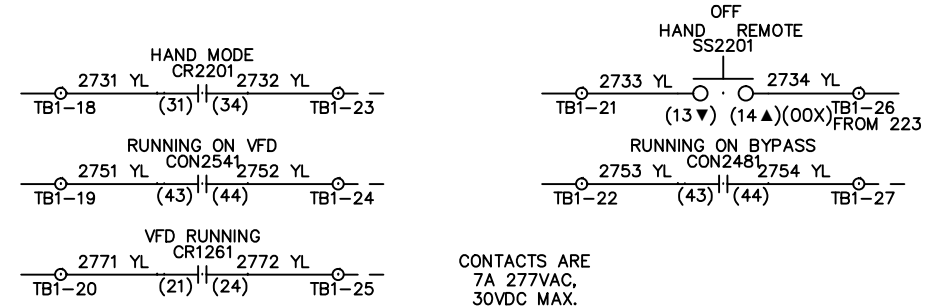
- NOTES:**
- *INDICATES COMPONENTS NOT SUPPLIED BY FACTORY.
 - FEEDER CIRCUIT PROTECTION AND INPUT AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICABLE LOCAL CODES AND THE DRIVE CURRENT RATING. DANFOSS RECOMMENDS AN INSULATED BONDING WIRE FROM MOTOR TO DRIVE RUNNING WITH MOTOR 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 > 150 HP.
 - FOR 575V INPUT POWER JUMPER FROM H2 TO H3 IS NOT PRESENT.
 - MOTOR/LINE AND CONDUIT GROUND CONNECTIONS TO BE MADE ON CABINET GROUND BAR.

NOTE: ALL WIRES #16 AWG BLUE UNLESS OTHERWISE NOTED
 NOTE: ANALOG PAIRS ARE 18 AWG BELDEN #9460

				- NOTICE -									
				THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES. IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.		DRN SJK		TOLERANCE Unless Otherwise Specified 2 PLC. ±.02 3 PLC. ±.005		NAME POWER DISTRIBUTION WIRING DIAGRAM PHD PANEL AQUA SOFT-START BYPASS 460/575 VAC CB. DISCONNECT, TYPE 3R, WITH DV/DT FILTER			
						APR SJK		SCALE 1.0		MODEL FC202			
DESCRIPTION				REV		ECN		DATE 6/12/14		SIZE D		DWG. NO. 174H8978	



NOTE: ALL WIRES ARE #16 AWG RED UNLESS OTHERWISE NOTED



CONTACTS ARE
7A 277VAC,
30VDC MAX.

	C		
	B		
	A		
	DR		6/12/14
DESCRIPTION	REV	ECN	DATE

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DRN	SJG	TOLERANCE	NAME		CONTROL WIRING DIAGRAM	
		Unless Otherwise Specified	PHD PANEL AQUA SOFT START BYPASS 460/575 VAC			
		2 PLC. ±.02	CB. DISCONNECT, TYPE 3R, WITH DV/DT FILTER			
		3 PLC. ±.005	MODEL	FC202	SHEET 2 OF 2	SIZE D
		SCALE 1.0			DWG. NO.	174H8978

