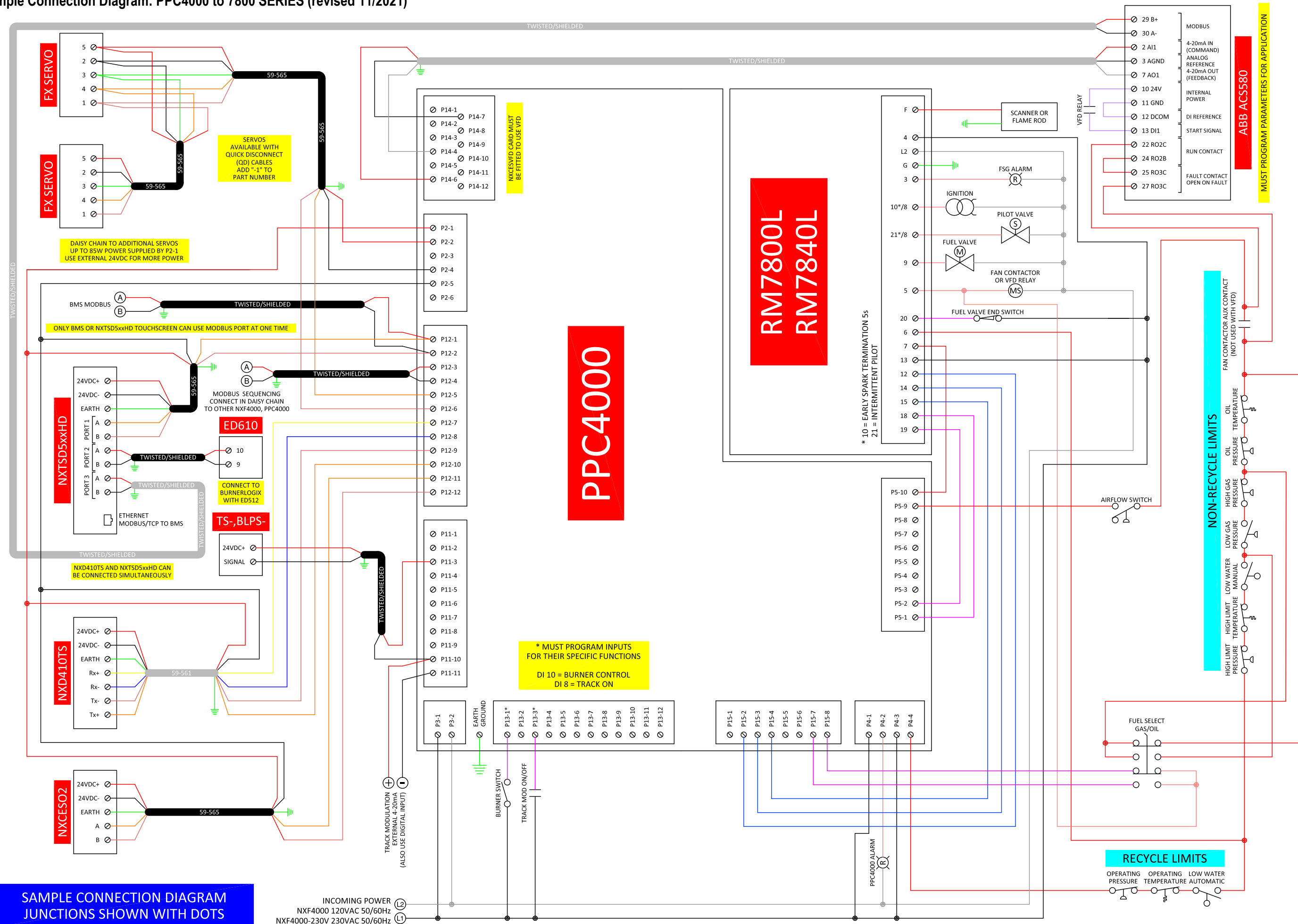


Sample Connection Diagram: PPC4000 to 7800 SERIES (revised 11/2021)



SERVO AVAILABLE WITH QUICK DISCONNECT (QD) CABLES ADD "-1" TO PART NUMBER

DAISY CHAIN TO ADDITIONAL SERVOS UP TO 85W POWER SUPPLIED BY P2-1 USE EXTERNAL 24VDC FOR MORE POWER

ONLY BMS OR NXTSD5xxHD TOUCHSCREEN CAN USE MODBUS PORT AT ONE TIME

MODBUS SEQUENCING CONNECT IN DAISY CHAIN TO OTHER NXF4000, PPC4000

CONNECT TO BURNERLOGIX WITH ED512

TS-,BLPS-

24VDC+ SIGNAL

NXD410TS AND NXTSD5xxHD CAN BE CONNECTED SIMULTANEOUSLY

NXCESVFD CARD MUST BE FITTED TO USE VFD

\* MUST PROGRAM INPUTS FOR THEIR SPECIFIC FUNCTIONS

DI 10 = BURNER CONTROL

DI 8 = TRACK ON

RM7800L

RM7840L

PPC4000

MUST PROGRAM PARAMETERS FOR APPLICATION

ABB ACS580

NON-RECYCLE LIMITS

FAN CONTACTOR AUX CONTACT (NOT USED WITH VFD)

OIL PRESSURE

OIL TEMPERATURE

HIGH LIMIT PRESSURE

HIGH LIMIT TEMPERATURE

LOW GAS PRESSURE

LOW WATER MANUAL

LOW WATER TEMPERATURE

AIRFLOW SWITCH

RECYCLE LIMITS

OPERATING PRESSURE

OPERATING TEMPERATURE

LOW WATER AUTOMATIC

SAMPLE CONNECTION DIAGRAM

JUNCTIONS SHOWN WITH DOTS

INCOMING POWER

NXF4000 120VAC 50/60Hz

NXF4000-230V 230VAC 50/60Hz

THESE INPUTS ARE EXAMPLE ONLY